SUMMARY LETTER REPORT
RARITAN BAY SLAG
OLD BRIDGE AND SAYREVILLE, NEW JERSEY

CERCLIS ID No.: NJN000206276

EPA Contract No.: EP-W-06-072
Task Order No.: 0010-00
W.O. No.: 20401.032.010.2064
Document Control No.: RST 2-02-F-0821

January 2009

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Prepared by:

Weston Solutions, Inc.
Edison, New Jersey 08837

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SUBMITTED BY:

Daniel J. Gaughan
Project Manager

1/29/09
Date

W. Scott Butterfield, CHMM
Program Manager

1/29/09
Date

Introduction

The United States Environmental Protection Agency (EPA) has tasked Weston Solutions, Inc. (WESTON®) with an Integrated Assessment (IA) evaluation (with sampling) of the Raritan Bay Slag site ("the Site") (CERCLIS ID No. NJN000206276) in Old Bridge and Sayreville, New Jersey, to determine whether further action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) is needed. From September 10 to 16, 2008, WESTON personnel collected surface and subsurface soil, sediment, and surface water samples from the Old Bridge Waterfront Park, Cheesequake Creek Inlet, and other nearby areas to determine if a removal action is warranted and for an evaluation of potential placement on the National Priorities List (NPL). This Summary Letter Report provides a description of the Site and the September 2008 sampling event.

Site Location

The Site is situated in a residential area on Raritan Bay in New Jersey and is bordered to the south, east, and west by residential properties and State Highway 35, and to the north by Raritan Bay. The site consists of a portion of Old Bridge Waterfront Park and the Cheesequake Creek Inlet, covering an approximate distance of 1.3 miles. The geographic coordinates of the approximate midpoint of the site are 40° 27' 30.0" North latitude and 74° 14' 45.0" West longitude. A Sample Location Map is presented in Appendix A, Figure 1.

Site Description

The Site is approximately 1.3 miles in length and consists of the waterfront area between Margaret's Creek and the area just beyond the western jetty at the Cheesequake Creek Inlet. The portion of the site located in Old Bridge is within the Laurence Harbor section and contains Old Bridge Waterfront Park. The park is made up of walking paths, a playground area, several public beaches, and three jetties, not including the jetties at the Cheesequake Creek Inlet. The park waterfront is protected by a seawall, which is partially constructed with pieces of slag while the western jetty at the Cheesequake Creek Inlet, and the adjoining waterfront area west of the jetty, contains slag as well. The slag was placed at the Site approximately 40 years ago. The seawall, jetties, and beach area east of the Cheesequake Creek Inlet, and the western jetty at the Cheesequake Creek Inlet are popular fishing areas. The beaches east of the Cheesequake Creek Inlet and west of the seawall appear to be the most popular for swimming.

The Margaret's Creek portion of the site was proposed to be purchased by the State of New Jersey Green Acres Program in 2006. During the preliminary assessment phase of the Green Acres review process, historical aerial photos revealed the filling of the site with an unknown material. On May 23 and July 24, 2007, the New Jersey Department of Environmental Protection (NJDEP) conducted surface soil sampling events along the southern shoreline of the Raritan Bay adjacent to the Old Bridge Waterfront Park. Analytical results from these sampling events indicated the presence of lead at concentrations as high as 142,000 milligrams per kilogram (mg/kg). NJDEP described the waste material associated with the seawall as consisting of refractory brick and large pieces of rust-colored slag. The slag was described as "low-yield metallic waste from blast furnace and blast furnace rubble" including finer grained "nuggets", as well as automobile battery casing fragments of

various sizes. The NJDEP report stated that it is possible that some of the finer waste materials comprising the seawall may have been included in the soil samples.

On April 24, 2008, EPA received a request from the NJDEP to evaluate the Laurence Harbor Seawall for CERCLA Removal Action consideration. On November 3, 2008, EPA received an amended request from the NJDEP to include the northern jetty (herein referred to as the western jetty) at the Cheesequake Creek Inlet in the overall scope.

Existing Analytical Data

On May 23, 2007, the NJDEP conducted a limited sampling event at the intersection of Margaret's Creek and Raritan Bay, along the seawall at the Old Bridge Waterfront Park, on the first two beaches located west of the seawall, and within the grassed portion of the park. The NJDEP collected a total of 37 surface soil samples for metals analysis only. Analysis indicated concentrations of lead that ranged from 8.1 mg/kg to 142,000 mg/kg; antimony (1.5 J [estimated] mg/kg to 12,900 mg/kg), arsenic (6.1 J mg/kg to 3,350 J mg/kg), and copper (16.6 J mg/kg to 709 J mg/kg) were also detected.

The NJDEP conducted a second sampling event on July 24, 2007 from the same general locations. NJDEP collected a total of 34 surface soil samples for metals analysis only. Analytical results indicated concentrations of lead that ranged from 3.1 J mg/kg to 545 J mg/kg; antimony (0.42 J mg/kg to 20.2 J mg/kg), arsenic (1.3 mg/kg to 24.5 mg/kg), and copper (1 J mg/kg to 39.7 mg/kg) were also detected.

Integrated Assessment (IA) Sampling Program

From September 10 through 16, 2008, WESTON personnel collected a total of 48 aqueous samples (including two environmental duplicate samples), 95 surface soil samples (including five environmental duplicate samples), 10 subsurface soil samples, and 84 sediment samples (including four environmental duplicate samples) from the Site.

The aqueous samples were collected adjacent to the seawall, between the western end of the seawall and the first jetty, between the third jetty and the eastern jetty at the Cheesequake Creek Inlet, within the Cheesequake Creek Inlet, west of the western jetty at the Cheesequake Creek Inlet, and from Margaret's Creek. The aqueous samples collected by WESTON were analyzed for Target Analyte List (TAL) metals and dissolved metals (excluding mercury, including tin) through the EPA Contract Laboratory Program (CLP).

The surface and subsurface soil samples were collected from throughout the Site, including the seawall, the western jetty at the Cheesequake Creek Inlet, as well as the beach, park, and playground areas. The soil samples were analyzed for TAL metals and Toxicity Characteristic Leaching Procedure (TCLP) metals through the EPA CLP.

The sediment samples were collected within Margaret's Creek, between Margaret's Creek and the western end of the seawall, between the third jetty and the eastern jetty at the Cheesequake Creek Inlet, within the Cheesequake Creek Inlet, and west of the western jetty at the Cheesequake Creek Inlet. Six of the sediment samples were collected approximately 0.5 mile east of Margaret's Creek

as background samples. The sediment samples were analyzed for TAL metals through the EPA CLP. Grain-size distribution analysis was conducted by a private, subcontracted laboratory. Site Figures and the Sampling Trip Report are presented in Appendices A and B, respectively.

Sample Analytical Results

Analytical results for soil samples indicated the presence of lead at extremely elevated levels on the western jetty of the Cheesequake Creek Inlet. Four surface (0-2 inches) soil samples ranged from 54,800 mg/kg to 198,000 mg/kg. The maximum concentrations of antimony, arsenic, and copper detected at the western jetty were 3,120 mg/kg; 2,470 mg/kg; and 4,630 mg/kg, respectively. Two subsurface (one at 6-12 inches and one at 12-18 inches) soil samples indicated the presence of lead at a maximum concentration of 731 mg/kg. The maximum concentrations detected in the subsurface soil samples for antimony, arsenic, and copper were non-detect, 15.4 J mg/kg, and 76.6 mg/kg, respectively.

Four surface soil samples collected from an area west of the western jetty of the Cheesequake Creek Inlet indicated the presence of lead; concentrations ranged from 231 mg/kg to 14,200 mg/kg. The maximum concentrations detected in surface soil samples for antimony, arsenic, and copper were 616 mg/kg, 198 J mg/kg, and 340 mg/kg, respectively. One subsurface (6-12 inches) soil sample from this area indicated the presence of lead at 21,500 mg/kg. The concentrations detected in the subsurface soil sample for antimony, arsenic, and copper were 419 mg/kg, 228 J mg/kg, and 489 mg/kg, respectively.

Six surface soil samples collected from the beach area along the seawall indicated the presence of lead; concentrations ranged from 44.8 J mg/kg to 1,600 J mg/kg. The maximum concentration detected for copper was 74.4 J mg/kg. All antimony and arsenic concentrations, which ranged from 6.1 R (rejected) mg/kg to 152 R mg/kg and 1.2 R mg/kg to 72.8 R mg/kg, respectively, were subsequently rejected as unusable during the data validation process due to quality control issues. Three subsurface (6-12 inches) soil samples indicated the presence of lead; concentrations ranged from 22.5 J mg/kg to 1,100 J mg/kg. The maximum concentration detected for copper was 51.4 J mg/kg. All antimony and arsenic concentrations, which ranged from 6.3 R mg/kg to 100 R mg/kg and 1.6 R mg/kg to 53.9 R mg/kg, respectively, were subsequently rejected as unusable during the validation process due to quality control issues. Five surface soil samples collected from an area between Margaret's Creek and the eastern end of the seawall indicated the presence of lead; concentrations ranged from 11.4 J mg/kg to 10,200 J mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were 120 mg/kg, 48.3 mg/kg, and 186 J mg/kg, respectively.

Seventeen surface soil samples collected from the beach area between the western end of the seawall and the first jetty indicated the presence of lead; concentrations ranged from 57.9 J mg/kg to 1,630 J mg/kg. Four subsurface soil samples (two at 6-12 inches and two at 12-18 inches) ranged from 649 J mg/kg to 23,800 J mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were 832 mg/kg, 602 mg/kg, and 704 mg/kg, respectively.

Ten surface soil samples collected from the beach area between the first and second jetty indicated the presence of lead; concentrations ranged from 109 J mg/kg to 935 J mg/kg. The maximum concentration detected for copper was 75.7 J mg/kg. All antimony and arsenic concentrations, which ranged from 3.6 R mg/kg to 15.4 R mg/kg and 4.5 R mg/kg to 37.5 R mg/kg, respectively,

were subsequently rejected as unusable during the data validation process due to quality control issues.

Nineteen surface soil samples collected from the beach area between the third jetty and the eastern jetty of the Cheesequake Creek Inlet indicated the presence of lead; concentrations ranged from 1.7 J mg/kg to 94.1 J mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were non-detect, 9.2 mg/kg, and 15 mg/kg, respectively.

Six soil samples collected from the beach area, parallel to the inlet, on the eastern side of the Cheesequake Creek Inlet, indicated the presence of lead; concentrations ranged from 1.8 mg/kg to 4.4 mg/kg. The six samples indicated non-detect values for antimony. All arsenic and copper concentrations, which ranged from 1.8 R mg/kg to 5.4 R mg/kg and 1.0 R mg/kg to 2.0 R mg/kg, respectively, were subsequently rejected as unusable during the data validation process due to quality control issues.

Twenty-four surface soil samples collected from the park and the playground area indicated the presence of lead; concentrations ranged from 8.9 J mg/kg to 97.8 J mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were 0.42 J mg/kg, 144 mg/kg, and 131 J mg/kg, respectively.

Thirteen soil samples were analyzed using the TCLP. The Resource Conservation and Recovery Act (RCRA) limit for lead (5 milligrams per liter [mg/L]) was exceeded in 9 of the 13 samples. All five soil samples collected at the western jetty of the Cheesequake Creek Inlet, and west of the western jetty, exceeded this limit. The soil results for the western jetty exceeded the limit by a magnitude of approximately 100 to 250 times. The remaining exceedances were all from the seawall area.

Sediment samples collected west of the western jetty of the Cheesequake Creek Inlet indicated the presence of lead in nine samples; concentrations ranged from 29.6 mg/kg to 2,150 mg/kg; two samples with concentrations of 2,910 R mg/kg and 4,130 R mg/kg were subsequently rejected as unusable during the data validation process due to quality control issues. The maximum concentrations detected for antimony, arsenic, and copper were 53.7 J mg/kg, 62.9 J mg/kg, and 204 J mg/kg, respectively.

Both sediment samples collected from the Cheesequake Creek Inlet, close to the western jetty, which were identified to contain 42,200 R mg/kg and 89,200 R mg/kg of lead, were subsequently rejected as unusable during the data validation process due to quality control issues. It should be noted that the quality control issue was related to a low recovery on the matrix spike sample. The maximum concentrations detected for antimony, arsenic, and copper were 3,270 mg/kg; 2,100 J mg/kg; and 2,050 J mg/kg, respectively.

Twenty-one sediment samples collected from the beach area between the third jetty and the eastern jetty at the Cheesequake Creek Inlet indicated the presence of lead; concentrations ranged from 1.2 J mg/kg to 11.4 mg/kg. One sample indicated the presence of lead at 21.2 R mg/kg, but was subsequently rejected as unusable during the data validation process due to quality control issues. The maximum concentrations detected for antimony, arsenic, and copper were 0.86 J mg/kg, 3.7 mg/kg, and 11.0 J mg/kg, respectively.

Twelve sediment samples collected from the area between the western end of the seawall and the first jetty indicated the presence of lead; concentrations ranged from 200 mg/kg to 533 mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were 32.9 J mg/kg, 55.7 J mg/kg, and 46.7 J mg/kg, respectively.

Twenty-eight sediment samples collected from the western end of the seawall to Margaret's Creek indicated the presence of lead; concentrations ranged from 7.3 mg/kg to 5,860 mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were 33.2 J mg/kg, 22.5 mg/kg, and 117 mg/kg, respectively. Samples that were identified to contain 232 R mg/kg of antimony, 157 R mg/kg of arsenic, and 248 R mg/kg of copper were subsequently rejected as unusable during the data validation process due to quality control issues.

All six sediment samples collected from the background location, which ranged in lead concentration from 3.2 R mg/kg to 9.3 R mg/kg, were rejected as unusable during the data validation process due to quality control issues. The maximum concentrations detected for antimony, arsenic, and copper were 1.1 J mg/kg, 10.6 J mg/kg, and 4.9 J mg/kg, respectively.

Four sediment samples collected from Margaret's Creek indicated the presence of lead; concentrations ranged from 23.8 J mg/kg to 279 J mg/kg. The maximum concentrations detected for antimony, arsenic, and copper were 2.1 J mg/kg, 16.1 J mg/kg, and 62.7 J mg/kg, respectively.

The grain size distribution results revealed that sediment samples collected from the area west of the western jetty at the Cheesequake Creek Inlet and Margaret's Creek on average contained a lower percentage of sand and gravel (72%) than sediment samples collected from the remainder of the Site (96.7%).

Analytical results for surface water samples indicated that the most elevated levels of lead were generally detected in areas closest to the slag. The surface water west of the western jetty of the Cheesequake Creek Inlet contained a maximum total lead concentration of 1,810 micrograms per liter (µg/L). Antimony, arsenic, and copper were detected at maximum total concentrations of 53.2 µg/L, 70.9, µg/L, and 154 µg/L, respectively. Three surface water samples collected from the Cheesequake Creek Inlet had a maximum total concentration of lead at 6.7 µg/L, and a maximum total concentration of arsenic at 4.8 J µg/L (antimony and copper were not detected). Three surface water samples collected from the beach area between the third jetty and the eastern jetty of the Cheesequake Creek Inlet contained a maximum total lead concentration of 99 J µg/L, and a maximum total concentration of arsenic and copper at 15.2 µg/L, and 23.9 µg/L (antimony was not detected). The maximum total lead concentration detected in the bay near the seawall was 153 µg/L. On the backside of the seawall, in a wetland near Margaret's Creek, lead was detected at a maximum total concentration of 298 µg/L. Three activity-based surface water samples collected from the beach area between the western end of the seawall and the first jetty had an average total lead concentration of 1,179 µg/L, with a maximum total lead concentration of 1,450 µg/L. Antimony, arsenic, and copper were detected at maximum total concentrations of 29 µg/L, 34.5 µg/L, and 67.7 µg/L, respectively. Three surface water samples collected from Margaret's Creek indicated the presence of lead; total concentrations ranged from non-detect to 49.9 µg/L. Antimony, arsenic, and copper were detected at maximum total concentrations of 2.5 J µg/L, 21.6 µg/L, and 15.2 J µg/L, respectively. The reported values of the dissolved metals were generally similar to the total metals values for all of the water samples collected at the Site.

LIST OF APPENDICES

APPENDIX A

FIGURES 1 – 6

SOURCES:
1. New Jersey 2002 High Resolution Orthophotography. State of New Jersey Office of Information Technology, Office of Geographic Information Systems. http://njgin.nj.gov/OIT_IW/index.jsp.
2. Weston Solutions, Inc. Region 2 Removal Support Team 2, Site Logbooks RST2-02-F-0674, RST2-02-F-0675, and RST2-02-F-0676, September 10 - September 16, 2008.

Legend
- Soil Sample Location
- Sediment Sample Location
- Surface Water Sample Location

250 0 250 500
Graphic Scale In Feet

N
W E
S

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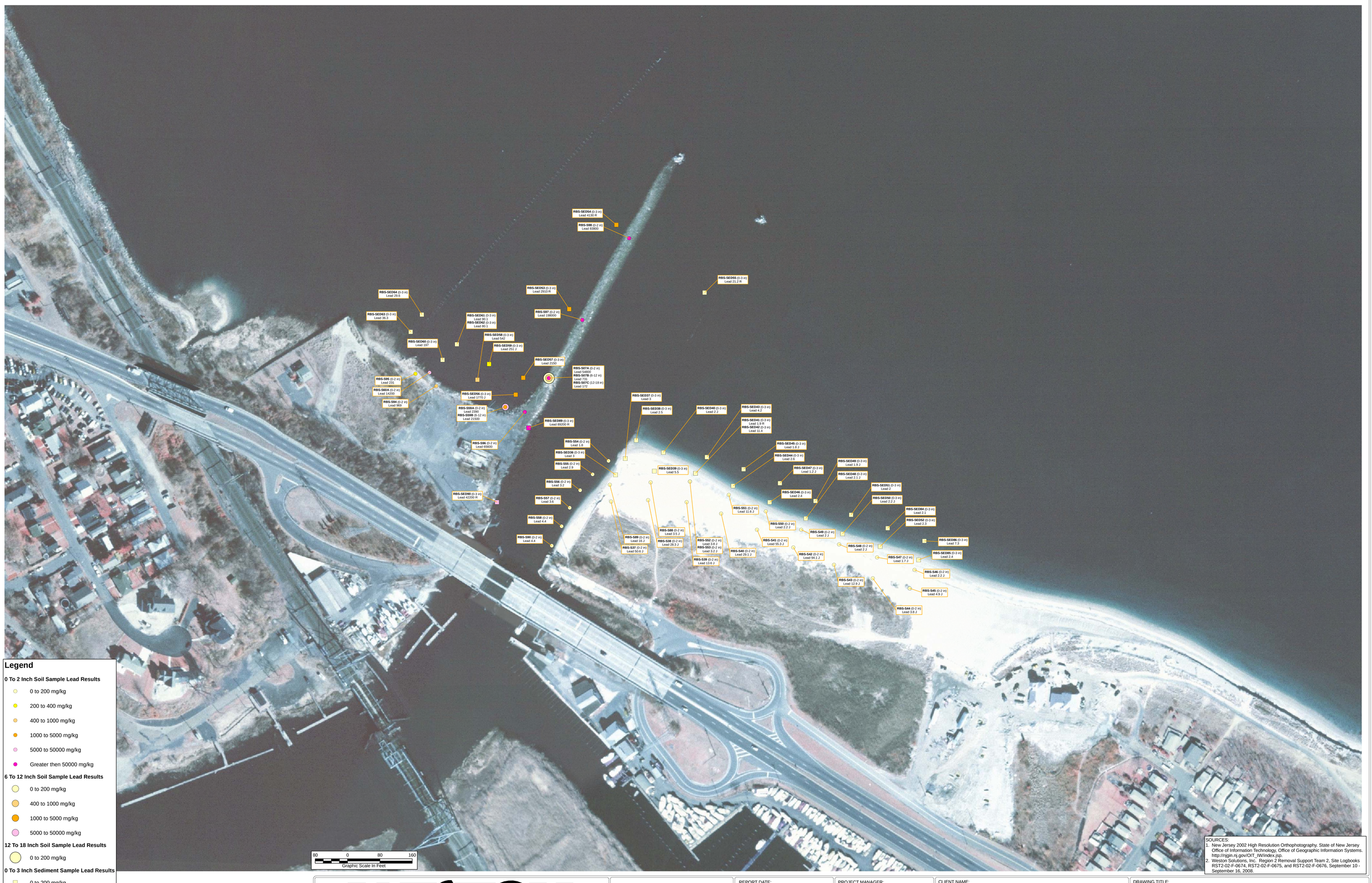
REPORT DATE: January 2009	PROJECT MANAGER: D. Gaughan	CLIENT NAME: EPA	DRAWING TITLE: Raritan Bay Slag Site Sample Location Map
DRAWING: 06296_RBS_Sample_Result_Key.mxd PATH: P:/SAT2/Raritan_Bay_Slag/MXD	CHECKED BY: D. Gaughan		
REVISION No. 0	CONTRACT No. EP-W-06-072	PROJECT NAME: Raritan Bay Slag Site	
WORK ORDER No. 20401.032.010.2064	DRAWN/MODIFIED BY: J. Lynes DATE CREATED: 12/15/2008		FIGURE: 1 SCALE: 1" = 250' DATE: 01/27/2009



Legend

0 To 2 Inch Soil Sample Lead Results

- 0 to 200 mg/kg
- 200 to 400 mg/kg
- 400 to 1000 mg/kg
- 1000 to 5000 mg/kg
- 5000 to 50000 mg/kg
- Greater then 50000 mg/kg

6 To 12 Inch Soil Sample Lead Results

- 0 to 200 mg/kg
- 400 to 1000 mg/kg
- 1000 to 5000 mg/kg
- 5000 to 50000 mg/kg

12 To 18 Inch Soil Sample Lead Results

- 0 to 200 mg/kg

0 To 3 Inch Sediment Sample Lead Results

- 0 to 200 mg/kg
- 200 to 400 mg/kg
- 400 to 1000 mg/kg
- 1000 to 5000 mg/kg
- 5000 to 50000 mg/kg
- Greater then 50000 mg/kg

80 0 80 160
Graphic Scale In Feet

NOTES
1. All soil and sediment sample results are in milligrams per kilogram (mg/kg)
2. U - Analyte not detected
3. J - Estimated concentration
4. R - Unusable value

SOURCES:
1. New Jersey 2002 High Resolution Orthophotography. State of New Jersey Office of Information Technology, Office of Geographic Information Systems. http://njgin.nj.gov/OIT_IW/index.jsp.
2. Weston Solutions, Inc. Region 2 Removal Support Team 2, Site Logbooks RST2-02-F-0674, RST2-02-F-0675, and RST2-02-F-0676, September 10 - September 16, 2008.

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N W E S

REPORT DATE: January 2009	PROJECT MANAGER: D. Gaughan	CLIENT NAME: EPA	DRAWING TITLE: Raritan Bay Slag Site Soil/Sediment Lead Results Map (Western Extent)
DRAWING: 06276_RBS_PB_1_of_2.mxd PATH: P:/SAT2/Raritan_Bay_Slag/MXD	CHECKED BY: D. Gaughan		
REVISION No. 0	CONTRACT No. EP-W-06-072	PROJECT NAME: Raritan Bay Slag Site	
WORK ORDER No. 20401.032.010.2064	DRAWN/MODIFIED BY: J. Lynes DATE CREATED: 12/09/2008		FIGURE: 2 SCALE: 1" = 80' DATE: 01/27/2009

RBS-S36 (0-2 in)
Lead 109 J

RBS-S35 (0-2 in)
Lead 190 J

RBS-S34 (0-2 in)
Lead 265 J

RBS-S33 (0-2 in)
Lead 217 J

RBS-S31 (0-2 in)
Lead 111 J

RBS-S32 (0-2 in)
Lead 215 J

RBS-S30 (0-2 in)
Lead 365 J

RBS-S29 (0-2 in)
Lead 935 J

RBS-S27 (0-2 in)
Lead 459 J

RBS-S28 (0-2 in)
Lead 235 J

RBS-S23 (0-2 in)
Lead 616 J

RBS-S24 (0-2 in)
Lead 66 J
RBS-S25 (0-2 in)
Lead 57.9 J

RBS-S18 (0-2 in)
Lead 1630 J

RBS-S19 (0-2 in)
Lead 219 J

RBS-S20 (0-2 in)
Lead 121 J

RBS-S16 (0-2 in)
Lead 80.5 J

RBS-SED29 (0-3 in)
Lead 200

RBS-SED28 (0-3 in)
Lead 394

RBS-SED27 (0-3 in)
Lead 311

RBS-S21 (0-2 in)
Lead 994 J

RBS-S22 (0-2 in)
Lead 413 J

RBS-SED30 (0-3 in)
Lead 530

RBS-S17 (0-2 in)
Lead 211 J

RBS-SED33 (0-3 in)
Lead 533

RBS-S13 (0-2 in)
Lead 356 J

RBS-S14 (0-2 in)
Lead 1290 J

RBS-SED87 (0-3 in)
Lead 1030 J

RBS-S15 (0-2 in)
Lead 688 J

RBS-S09A (0-2 in)
Lead 1430 J
RBS-S09B (6-12 in)
Lead 19400 J
RBS-S09C (12-18 in)
Lead 23800 J

RBS-S11 (0-2 in)
Lead 118 J
RBS-S12 (0-2 in)
Lead 102 J

RBS-S10A (0-2 in)
Lead 1110 J
RBS-S10B (6-12 in)
Lead 649 J
RBS-S10C (12-18 in)
Lead 1050 J

RBS-SED32 (0-3 in)
Lead 318

RBS-SED31 (0-3 in)
Lead 200

RBS-SED35 (0-3 in)
Lead 304

RBS-SED34 (0-3 in)
Lead 307

RBS-SED83 (0-3 in)
Lead 318

RBS-SED25 (0-3 in)
Lead 458 J

RBS-SED88 (0-3 in)
Lead 1440 J

RBS-SED82 (0-3 in)
Lead 422

RBS-SED26 (0-3 in)
Lead 525 J

RBS-SED1 (0-3 in)
Lead 463

RBS-S79 (0-2 in)
Lead 29.5 J

RBS-S83 (0-2 in)
Lead 27.3 J

RBS-S73 (0-2 in)
Lead 23.7 J

RBS-S74 (0-2 in)
Lead 24.8 J

RBS-S84 (0-2 in)
Lead 11.6 J

RBS-S85 (0-2 in)
Lead 24.7 J

RBS-S87 (0-2 in)
Lead 12.1 J

RBS-S75 (0-2 in)
Lead 8.9 J

RBS-S81 (0-2 in)
Lead 26.1 J

RBS-S76 (0-2 in)
Lead 33.7 J

RBS-S77 (0-2 in)
Lead 34.5 J
RBS-S78 (0-2 in)
Lead 328.3 J

RBS-S70 (0-2 in)
Lead 47.2 J

RBS-S71 (0-2 in)
Lead 34.3 J
RBS-S72 (0-2 in)
Lead 37.2 J

RBS-S80 (0-2 in)
Lead 11.1 J

RBS-S82 (0-2 in)
Lead 9.2 J

RBS-S86 (0-2 in)
Lead 17.4 J

RBS-SED34 (0-3 in)
Lead 79.4 J

RBS-SED12 (0-3 in)
Lead 660

RBS-S69 (0-2 in)
Lead 28.4 J

RBS-S68 (0-2 in)
Lead 31.5 J

RBS-SED23 (0-3 in)
Lead 90.7 J

RBS-SED11 (0-3 in)
Lead 441

RBS-S67 (0-2 in)
Lead 49.3 J

RBS-SED21 (0-3 in)
Lead 48.1
RBS-SED22 (0-3 in)
Lead 53.6 J

RBS-SED10 (0-3 in)
Lead 326

RBS-SED9 (0-3 in)
Lead 403

RBS-SED20 (0-3 in)
Lead 58.2

RBS-SED19 (0-3 in)
Lead 93.5

RBS-SED8 (0-3 in)
Lead 861

RBS-SED18 (0-3 in)
Lead 186

RBS-SED7 (0-3 in)
Lead 5860

RBS-SED17 (0-3 in)
Lead 75.7

RBS-SED6 (0-3 in)
Lead 252 J

RBS-S01A (0-2 in)
Lead 1600 J
RBS-S01B (6-12 in)
Lead 912 J

RBS-S65 (0-2 in)
Lead 29.8 J

RBS-S66 (0-2 in)
Lead 30.3 J

RBS-SED16 (0-3 in)
Lead 107 J

RBS-SED5 (0-3 in)
Lead 135 J

RBS-S02A (0-2 in)
Lead 1040 J
RBS-S02B (6-12 in)
Lead 1100 J

RBS-S03A (0-2 in)
Lead 1130 J

RBS-SED15 (0-3 in)
Lead 36.2 J

RBS-SED4 (0-3 in)
Lead 60.9 J

RBS-SED3 (0-3 in)
Lead 37.6 J

RBS-S04A (0-2 in)
Lead 44.8 J
RBS-S04B (6-12 in)
Lead 22.5 J

RBS-SED14 (0-3 in)
Lead 22.6 J

RBS-SED13 (0-3 in)
Lead 11.5 J

RBS-SED1 (0-3 in)
Lead 9.2 J
RBS-SED2 (0-3 in)
Lead 7.3 J

RBS-SED46 (0-3 in)
Lead 21.8 J

RBS-S61 (0-2 in)
Lead 97.8 J

RBS-S62 (0-2 in)
Lead 62.9 J

RBS-S05A (0-2 in)
Lead 63.5 J
RBS-S06A (0-2 in)
Lead 117 J

RBS-S93 (0-2 in)
Lead 11.4 J

RBS-SED65 (0-3 in)
Lead 23.8 J

RBS-S92 (0-2 in)
Lead 50.4 J

RBS-S63 (0-2 in)
Lead 10200 J

RBS-S64 (0-2 in)
Lead 824 J

RBS-SED66 (0-3 in)
Lead 79.4 J

RBS-SED67 (0-3 in)
Lead 279 J

80 0 80 160
Graphic Scale In Feet

Legend

0 To 2 Inch Soil Sample Lead Results

- 0 to 200 mg/kg
- 200 to 400 mg/kg
- 400 to 1000 mg/kg
- 1000 to 5000 mg/kg
- 5000 to 50000 mg/kg

6 To 12 Inch Soil Sample Lead Results

- 0 to 200 mg/kg
- 400 to 1000 mg/kg
- 1000 to 5000 mg/kg
- 5000 to 50000 mg/kg

12 To 18 Inch Soil Sample Lead Results

- 1000 to 5000 mg/kg
- 5000 to 50000 mg/kg

0 To 3 Inch Sediment Sample Lead Results

- 0-200 mg/kg
- 200-400 mg/kg
- 400-1000 mg/kg
- 1000-5000 mg/kg
- 5000-50000 mg/kg

NOTES
1. All soil and sediment sample results are in milligrams per kilogram (mg/kg)
2. U - Analyte not detected
3. J - Estimated concentration
4. R - Unusable value

SOURCES:
1. New Jersey 2002 High Resolution Orthophotography. State of New Jersey Office of Information Technology, Office of Geographic Information Systems. http://njgin.nj.gov/OIT_JW/index.jsp.
2. Weston Solutions, Inc. Region 2 Removal Support Team 2, Site Logbooks RST2-02-F-0674, RST2-02-F-0675, and RST2-02-F-0676, September 10 - September 16, 2008.

WESTON SOLUTIONS SM

Weston Solutions, Inc.
205 Campus Drive Edison, New Jersey 08837-3939
TEL: (732) 417-5800 Fax: (732) 417-5801
http://www.westonsolutions.com

N W E S

REPORT DATE: January 2009

PROJECT MANAGER: D. Gaughan

DRAWING: 06277_RBS_PB_2_of_2.mxd
PATH: P:/SAT2/Raritan_Bay_Slag/MXD

CHECKED BY: D. Gaughan

REVISION No. 0

CONTRACT No. EP-W-06-072

WORK ORDER No. 20401.032.010.2064

DRAWN/MODIFIED BY: J. Lynes
DATE CREATED: 12/09/2008

CLIENT NAME: EPA

PROJECT NAME: Raritan Bay Slag Site

DRAWING TITLE:

Raritan Bay Slag Site
Soil/Sediment Lead Results Map
(Eastern Extent)

FIGURE: 3

SCALE: 1" = 80'

DATE: 01/27/2009

Legend

△ Surface Water Sample

NOTES

1. All surface water results are in micrograms per liter (ug/l)
2. Surface Water Sample IDs with a "D" at the end represents a dissolved metals sample.
3. J - Estimated concentration
4. U - Analyte not detected
5. UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
6. R - Unusable value

LEGEND:

200 100 0 200

Graphic Scale In Feet

PROJECT: Raritan Bay Slag Site

CLIENT NAME: EPA

TITLE:

Raritan Bay Slag Site
Surface Water Results Map (Western Extent)

WESTON SOLUTIONS SM

DATE: 01/27/2009

FIGURE #: 4

P:/SAT2/Raritan_Bay_Slag/MXD/06282_RBS_PB_SW_1_of_2.mxd

N
W E
S

RBS-SW09
Antimony 11.7 J
Arsenic 29.3
Copper 53.3
Lead 1220
RBS-SW09D
Antimony 15.3 J
Arsenic 24.5
Copper 21.6 J
Lead 686

RBS-SW10
Antimony 13.8 J
Arsenic 29.4 J
Copper 67.7 J
Lead 1450 J
RBS-SW10D
Antimony 19.4 J
Arsenic 36.2 J
Copper 82.6 J
Lead 1780 J

RBS-SW11
Antimony 29 J
Arsenic 34.5
Copper 54.6
Lead 867
RBS-SW11D
Antimony 26.5 J
Arsenic 27.1
Copper 35.2
Lead 739

RBS-SW01
Antimony 2.9 J
Arsenic 10 U
Copper 25 U
Lead 33.1
RBS-SW02 (Dup)
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 29.8
RBS-SW01D
Antimony 2.6 J
Arsenic 10 U
Copper 25 U
Lead 37.8 J
RBS-SW02D (Dup)
Antimony 1.4 J
Arsenic 10 U
Copper 25 U
Lead 24.8 J

RBS-SW03
Antimony 3.3 J
Arsenic 10 U
Copper 25 U
Lead 30
RBS-SW03D
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 24.9

RBS-SW08
Antimony 4.4 J
Arsenic 10 U
Copper 4.1 J
Lead 109
RBS-SW08D
Antimony 4.3 J
Arsenic 10 U
Copper 3.1 J
Lead 89.7

RBS-SW07
Antimony 8.5 J
Arsenic 14
Copper 8.9 J
Lead 153
RBS-SW07D
Antimony 5.9 J
Arsenic 11.2
Copper 8.9 J
Lead 152

RBS-SW05
Antimony 1.6 J
Arsenic 10 U
Copper 25 U
Lead 10 UJ
RBS-SW05D
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 11.9 J

RBS-SW04
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 25.2 J
RBS-SW04D
Antimony 1.6 J
Arsenic 10 U
Copper 25 U
Lead 31.3 J

RBS-SW19
Antimony 6.3 J
Arsenic 25
Copper 52.5
Lead 298
RBS-SW19D
Antimony 2.8 J
Arsenic 13.6
Copper 43.5
Lead 282

RBS-SW06
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 14.2 J
RBS-SW06D
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 17.7 J

RBS-SW18
Antimony 60 U
Arsenic 10 U
Copper 4.1 J
Lead 10 U
RBS-SW18D
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 10 U

RBS-SW17
Antimony 60 U
Arsenic 10 U
Copper 25 U
Lead 10 U
RBS-SW17D
Antimony 60 U
Arsenic10 U
Copper 2.2 J
Lead 10 UJ

RBS-SW20
Antimony 2.5 J
Arsenic 21.6
Copper 15.2 J
Lead 49.9
RBS-SW20D
Antimony 60 U
Arsenic 10 U
Copper 9.1 J
Lead 28

Legend

△ Surface Water Sample

NOTES
1. All surface water results are in micrograms per liter (ug/l)
2. Surface Water Sample IDs with a "D" at the end represents a dissolved metals sample.
3. J - Estimated concentration
4. U - Analyte not detected
5. UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met

LEGEND:
200 100 0 200
Graphic Scale In Feet

PROJECT:
Raritan Bay Slag Site

CLIENT NAME:
EPA

TITLE:
Surface Water Results Map (Eastern Extent)

WESTON SOLUTIONS SM

DATE:
01/27/2009

FIGURE #:
5

P:/SAT2/Raritan_Bay_Slag/MXD/06283_RBS_PB_SW_2_of_2.mxd

Legend

0 To 3 Inch Sediment Sample Lead Results

- 0 to 200 mg/kg

NOTES

1. All soil and sediment sample results are in milligrams per kilogram (mg/kg)
2. R - Unusable value

LEGEND:

80 40 0 80

Graphic Scale In Feet

PROJECT: Raritan Bay Slag Site

CLIENT NAME: EPA

TITLE:

Raritan Bay Slag Site
Sediment Lead Results Map Background Locations

WESTON SOLUTIONS SM

DATE: 01/27/2009

FIGURE #: 6

P:/SAT2/Raritan_Bay_Slag/MXD/06278_RBS_PB_Background.mxd

APPENDIX B

SAMPLING TRIP REPORT

Weston Solutions, Inc.
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Edison, New Jersey 08837
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www.westonsolutions.com

October 15, 2008

Mr. Nick Magriples
U.S. Environmental Protection Agency
2890 Woodbridge Avenue
Edison, NJ 08837

Document Control No.: RST 2 – 02 – F – 0708

Subject: **Revised Sampling Trip Report**
Work Assignment No.: 20401.032.010.2064, Raritan Bay Slag Site
Contract No.: EP-W-06-072; Task Order No.: 0010-00

Dear Mr. Magriples:

Weston Solutions, Inc. (WESTON®) is pleased to submit the revised Sampling Trip Report for the Raritan Bay Slag Site (RBS) (CERCLIS ID No. NJN000206276) located in Old Bridge and Sayreville, New Jersey. If you have any questions, please contact me at (732) 417-5869.

Very truly yours,

WESTON SOLUTIONS, INC.

Daniel J. Gaughan
Project Manager

Enclosure

cc: W.S. Butterfield, SAT 2 (w/o enclosure)
C. Kelley, RST 2 (w/o enclosure)
I. Acosta (w/o enclosure)
J. Feranda, EPA (w/o enclosure)
A. Michael, EPA
site file

SAMPLING TRIP REPORT

SITE NAME: Raritan Bay Slag Site
DCN No.: RST 2 – 02 – F – 0708
W.O. No.: 20401.032.010.2064
Case No.: 37836

EPA I.D. NO.: NJN000206276

SAMPLING DATES: September 10, 2008 through September 16, 2008 (excluding September 13 and 14)

1. Site Location: Refer to Figure 1

2. Sample Locations: Refer to Figure 2

3. Sample Descriptions: Refer to Table 1

4. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Target Analyte List (TAL) metals and dissolved metals (excluding mercury, including tin), and Toxicity Characteristic Leaching Procedure (TCLP) metals	Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg, MS 39402
Grain-size distribution	Test America Laboratories 30 Community Drive, Suite ll South Burlington, VT 05403

5. Sample Dispatch Data:

Twelve aqueous samples for low concentration TAL metals analysis, 12 aqueous samples for low concentration dissolved TAL metals analysis, and 23 soil/sediment samples for low concentration TAL metals analysis were shipped to Bonner Analytical Testing Company (Bonner Analytical) on 9/10/2008 at 1730 hours via Federal Express Airbill No. 8541 0029 6945. Thirteen sediment samples for grain-size distribution analysis were shipped to Test America Laboratories (Test America) on 9/10/2008 at 1730 hours via Federal Express Airbill No. 8541 0029 6577.

Four aqueous samples for low concentration TAL metals analysis, three aqueous samples for low concentration dissolved TAL metal analysis, 57 soil/sediment samples for low concentration TAL metals analysis, and 13 soil samples for medium concentration TAL metals analysis (six of which also included TCLP metals analysis) were shipped to Bonner Analytical on 9/11/2008 at 1730 hours via Federal Express Airbill No. 8541 0029 6912. Twelve sediment samples for grain-size

distribution analysis were shipped to Test America on 9/11/2008 at 1730 hours via Federal Express Airbill No. 8541 0029 6923.

Sixty-five soil/sediment samples for low concentration TAL metals analysis were shipped to Bonner Analytical on 9/12/2008 at 1630 hours via Federal Express Airbill No. 8541 0029 6901. Thirty-four sediment samples for grain-size distribution analysis were shipped to Test America on 9/12/2008 at 1630 hours via Federal Express Airbill No. 8541 0029 6897.

Ten aqueous samples for low concentration TAL metals analysis, nine aqueous samples for low concentration dissolved TAL metals analysis, and 13 soil/sediment samples for low concentration TAL metals analysis, and seven soil samples for medium concentration TAL metals analysis (five of which also included TCLP metals analysis) were shipped to Bonner Analytical on 9/15/2008 at 1730 hours via Federal Express Airbill No. 8541 0029 6522. Nine sediment samples for grain-size distribution analysis were shipped to Test America on 9/15/2008 at 1730 hours via Federal Express Airbill No. 8541 0029 6533.

One aqueous sample for low concentration TAL metals analysis and 11 soil/sediment samples for low concentration TAL metals analysis were shipped to Bonner Analytical on 9/16/2008 at 1645 hours via Federal Express Airbill No. 8541 0029 6496. Eleven sediment samples for grain-size distribution analysis were shipped to Test America on 9/16/2008 at 1645 hours via Federal Express Airbill No. 8541 0029 6441.

6. On-Site Personnel:

Name	Company	Duties on Site
Dan Gaughan	WESTON	Project Manager, Site Health and Safety Officer, Sampler
Scott Snyder	WESTON	Sample Management Officer (SMO)
Kelli Lucarino	WESTON	Sampler, Global Positioning System (GPS) Data Collection
Julissa Morales	WESTON	Sampler, GPS Data Collection
Matt Foster	WESTON	Sampler
Kristen Sharp	WESTON	Sampler
Nick Magriples	EPA	EPA Oversight

7. Additional Comments:

From September 10 through September 16, 2008, Weston Solutions, Inc. (WESTON®) personnel collected surface soil, sediment, and surface water samples from the Raritan Bay Slag Site to determine the priority for further action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). A total of 105 surface soil samples (including six environmental duplicate samples), 84 sediment samples (including four environmental duplicate samples), and 48 surface water samples (including four environmental duplicate samples) were collected from the site and a nearby background location.

All surface soil samples were collected at depth of 0 to 2 inches. Soil samples collected in areas adjacent to the slag were proposed to be collected at additional depth intervals of 6 to 12 inches and

12 to 18 inches. However, obstructions such as slag and rock were encountered during collection of the samples at depth. Therefore, of the 11 proposed samples at each depth, only six samples were collected from the 6 to 12 inch interval and only three samples were collected at the 12 to 18 inch interval. Surface soil samples were collected using a dedicated plastic scoop to scrape away surficial organic material (grass, leaves, etc.) and to remove the top layer of vegetation/soil/fill material. Soil samples collected at a depth of 6 to 18 inches were obtained using decontaminated, stainless-steel augers and dedicated, disposable plastic scoops: The soil sample was obtained by augering soil from the location of the previously collected 0 to 2 inch sample to the required depth below the surface. Once the soil from the appropriate depth was obtained, it was transferred into a dedicated plastic container using the dedicated plastic scoop and homogenized. The homogenized soil was then transferred into the required sample containers using the dedicated plastic scoop. All remaining soil, not used for laboratory analysis, was discarded at the sampling location.

Sediment samples were collected at a depth of 0 to 3 inches. Sediment samples were collected using a dedicated, disposable plastic scoop, allowing any excess surface water to drain from the sampling device. A petite ponar dredge was used to collect sediment samples from locations under several feet of water adjacent to the Cheesequake Creek inlet western jetty. The petite ponar dredge was decontaminated prior to each sample location. After collection, the sediment was transferred into a dedicated plastic container using the dedicated plastic scoop and homogenized. The homogenized sediment was then transferred into the required sample containers using the dedicated plastic scoop. All remaining sediment, not used for laboratory analysis, was discarded at the sampling location.

Surface water samples were collected moving in an upstream direction when appropriate, and collected prior to sediment samples if co-located. In a deviation from the Sampling and Quality Assurance Project Plan (SAQAPP), surface water sample RBS-SW17 was collected prior to and upstream of sample RBS-SW18. WESTON began collection of the samples at a location midway between the footbridge over Margaret's Creek and Raritan Bay and planned to collect an upgradient sample near the footbridge. The EPA On-Scene Coordinator directed WESTON to collect the second sample at the intersection of Margaret's Creek and Raritan Bay. Surface water samples were collected directly into the sample container by partially submerging the sample bottle and collecting the sample. Three rinsate blanks (two for plastic scoop, plastic container, and decontaminated stainless-steel augers and one for the petite ponar dredge) were collected for quality assurance/quality control (QA/QC) purposes. Surface water sample numbers containing a 'D' indicates that the samples were analyzed for Dissolved Metals.

All sample locations were recorded electronically using GPS technology. Post-processing differential correction of the GPS data was conducted in accordance with the EPA Region 2 GPS Standard Operating Procedures (SOP). The processed GPS data were then transferred to the Sample Location Map (Figure 2) using Geographic Information Systems (GIS).

All samples were collected as part of the Integrated Assessment (IA) evaluation conducted on site. Samples collected by WESTON were designated for analysis of TAL metals (including tin) (soil, sediment, and surface water), dissolved metals (surface water), and TCLP metals (select surface soil samples) through the EPA Contract Laboratory Program (CLP). Sediment samples were sent for grain size distribution analysis through a non-CLP laboratory. Inorganic Traffic Reports and non-CLP chains of custody are presented in Attachment 1.

8. Report Prepared by: Julissa Morales Date: 10/15/08
Julissa Morales

9. Report Approved by: W. S. Butterfield Date: 10/15/08
W. S. Butterfield, CHMM

TABLE 1
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVILLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-S01A	MB52W5	9/11/08	1404	Soil sample from the seawall; depth: 0-2 inches (in). Matrix spike/matrix spike duplicate (MS/MSD) for quality assurance/quality control (QA/QC) purposes.
RBS-S01B	MB52W6	9/11/08	1410	Soil sample from the seawall; depth: 6-12 in.
RBS-S02A	MB52W8	9/11/08	1421	Soil sample from the seawall; depth: 0-2 in.
RBS-S02B	MB52W9	9/11/08	1431	Soil sample from the seawall; depth: 6-12 in.
RBS-S03A	MB52X1	9/11/08	1437	Soil sample from the seawall; depth: 0-2 in.
RBS-S04A	MB52X4	9/11/08	1456	Soil sample from the seawall; depth: 0-2 in.
RBS-S04B	MB52X5	9/11/08	1502	Soil sample from the seawall; depth: 6-12 in.
RBS-S05A	MB52X7	9/11/08	1510	Soil sample from the seawall; depth: 0-2 in.
RBS-S06A	MB52Y0	9/11/08	1515	Duplicate of sample RBS-S05A for QA/QC purposes.
RBS-S07A	MB52Y1	9/15/08	1003	Soil sample from the jetty; depth: 0-2 in.
RBS-S07B	MB52Y2	9/15/08	1006	Soil sample from the jetty; depth: 6-12 in.
RBS-S07C	MB52Y3	9/15/08	1011	Soil sample from the jetty; depth: 12-18 in.
RBS-S09A	MB52Y7	9/11/08	0855	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S09B	MB52Y8	9/11/08	0905	Soil sample from the area between the seawall and the first jetty; depth: 6-12 in.
RBS-S09C	MB52Y9	9/11/08	0915	Soil sample from the area between the seawall and the first jetty; depth: 12-18 in.
RBS-S10A	MB52Z0	9/11/08	0856	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S10B	MB52Z1	9/11/08	0911	Soil sample from the area between the seawall and the first jetty; depth: 6-12 in.
RBS-S10C	MB52Z2	9/11/08	0923	Soil sample from the area between the seawall and the first jetty; depth: 12-18 in.
RBS-S11	MB52Z3	9/11/08	0958	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S12	MB52Z4	9/11/08	1000	Duplicate of sample RBS-S11 for QA/QC purposes.
RBS-S13	MB52Z5	9/11/08	0959	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S14	MB52Z6	9/11/08	1008	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S15	MB52Z7	9/11/08	1009	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S16	MB52Z8	9/11/08	1004	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S17	MB52Z9	9/11/08	1025	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S18	MB5300	9/11/08	1020	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S19	MB5301	9/11/08	1015	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S20	MB5302	9/11/08	1010	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S21	MB5303	9/11/08	1008	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-S22	MB5304	9/11/08	1000	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S23	MB5305	9/11/08	0955	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S24	MB5306	9/11/08	0945	Soil sample from the area between the seawall and the first jetty; depth: 0-2 in.
RBS-S25	MB5307	9/11/08	0950	Duplicate of sample RBS-S24 for QA/QC purposes.
RBS-S27	MB5309	9/11/08	1029	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S28	MB5310	9/11/08	1031	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S29	MB5311	9/11/08	1035	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S30	MB5312	9/11/08	1039	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S31	MB5313	9/11/08	1041	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S32	MB5314	9/11/08	1045	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S33	MB5315	9/11/08	1049	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S34	MB5316	9/11/08	1054	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S35	MB5317	9/11/08	1056	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S36	MB5318	9/11/08	1059	Soil sample from the area between the first jetty and the second jetty; depth: 0-2 in.
RBS-S37	MB5319	9/12/08	0833	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S38	MB5320	9/12/08	0836	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty ; depth: 0-2 in.
RBS-S39	MB5321	9/12/08	0837	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty ; depth: 0-2 in.
RBS-S40	MB5322	9/12/08	0841	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S41	MB5323	9/12/08	0841	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S42	MB5324	9/12/08	0850	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S43	MB5325	9/12/08	0847	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in. MS/MSD for QA/QC purposes.
RBS-S44	MB5326	9/12/08	0844	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S45	MB5327	9/12/08	0852	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S46	MB5328	9/12/08	0852	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-S47	MB5329	9/12/08	0856	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in
RBS-S48	MB5330	9/12/08	0857	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S49	MB5331	9/12/08	0857	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S50	MB5332	9/12/08	0902	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S51	MB5333	9/12/08	0901	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S52	MB5334	9/12/08	0908	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in. MS/MSD for QA/QC purposes.
RBS-S53	MB5335	9/12/08	0906	Duplicate of sample RBS-52 for QA/QC purposes.
RBS-S54	MB5336	9/12/08	1045	Soil sample from the area along the Cheesequake Creek inlet, south of the eastern jetty; depth: 0-2 in.
RBS-S55	MB5337	9/12/08	1040	Soil sample from the area along the Cheesequake Creek inlet, south of the eastern jetty; depth: 0-2 in.
RBS-S56	MB5338	9/12/08	1049	Soil sample from the area along the Cheesequake Creek inlet, south of the eastern jetty; depth: 0-2 in.
RBS-S57	MB5339	9/12/08	1045	Soil sample from the area along the Cheesequake Creek inlet, south of the eastern jetty; depth: 0-2 in.
RBS-S58	MB5340	9/12/08	1054	Soil sample from the area along the Cheesequake Creek inlet, south of the eastern jetty; depth: 0-2 in.
RBS-S59A	MB5341	9/15/08	1057	Soil sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-2 in.
RBS-S59B	MB5342	9/15/08	1111	Soil sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 6-12 in.
RBS-S60A	MB5344	9/15/08	1130	Soil sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-2 in.
RBS-S61	MB5347	9/10/08	1233	Soil sample from the park area; depth: 0-2 in.
RBS-S62	MB5348	9/10/08	1240	Soil sample from the park area; depth: 0-2 in.
RBS-S63	MB5349	9/10/08	1228	Soil sample from the park area; depth: 0-2 in.
RBS-S64	MB5350	9/10/08	1233	Soil sample from the park area; depth: 0-2 in.
RBS-S65	MB5351	9/10/08	1255	Soil sample from the park area; depth: 0-2 in.
RBS-S66	MB5352	9/10/08	1303	Soil sample from the park area; depth: 0-2 in.
RBS-S67	MB5353	9/10/08	1304	Soil sample from the park area; depth: 0-2 in.
RBS-S68	MB5354	9/10/08	1317	Soil sample from the park area; depth: 0-2 in.
RBS-S69	MB5355	9/10/08	1313	Soil sample from the park area; depth: 0-2 in.
RBS-S70	MB5356	9/11/08	0750	Soil sample from the park area; depth: 0-2 in.
RBS-S71	MB5357	9/11/08	0800	Mulch/woodchip sample from the playground; depth: 0-2 in.
RBS-S72	MB5358	9/11/08	0805	Duplicate of sample RBS-71 for QA/QC purposes.
RBS-S73	MB5359	9/11/08	0905	Mulch/woodchip sample from the playground; depth: 0-2 in.
RBS-S74	MB5360	9/11/08	0910	Mulch/woodchip sample from the playground; depth: 0-2 in.
RBS-S75	MB5361	9/11/08	0915	Mulch/woodchip sample from the playground; depth: 0-2 in.
RBS-S76	MB5362	9/11/08	0920	Mulch/woodchip sample from the playground; depth: 0-2 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-S77	MB5363	9/11/08	0810	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S78	MB5364	9/11/08	0815	Duplicate of sample RBS-77 for QA/QC purposes.
RBS-S79	MB5365	9/11/08	0855	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S80	MB5366	9/11/08	0820	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S81	MB5367	9/11/08	0835	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S82	MB5368	9/11/08	0830	Soil sample from the playground; depth: 0-2 in.
RBS-S83	MB5369	9/11/08	0900	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S84	MB5370	9/11/08	0850	Soil sample from the playground; depth: 0-2 in.
RBS-S85	MB5371	9/11/08	0845	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S86	MB5372	9/11/08	0825	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S87	MB5373	9/11/08	0840	Soil sample from the area around the playground; depth: 0-2 in.
RBS-S88	MB53M1	9/12/08	0911	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S89	MB53M2	9/12/08	0913	Soil sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-2 in.
RBS-S90	MB53M6	9/12/08	1051	Soil sample from the area along the Cheesequake Creek inlet, south of the eastern jetty; depth: 0-2 in.
RBS-S92	MB53M7	9/12/08	1420	Soil sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-2 in.
RBS-S93	MB53M8	9/12/08	1430	Soil sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-2 in.
RBS-S94	MB53N2	9/15/08	0935	Soil sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-2 in.
RBS-S95	MB53N3	9/15/08	0942	Soil sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-2 in.
RBS-S96	MB53N1	9/15/08	0936	Composite soil sample from the southern portion of the western jetty of Cheesequake inlet; depth: 0-2 in.
RBS-S97	MB53N4	9/15/08	1335	Soil sample from the Cheesequake Creek inlet western jetty; depth: 0-2 in
RBS-S98	MB53N5	9/15/08	1327	Soil sample from the Cheesequake Creek inlet western jetty; depth: 0-2 in
RBS-SED01	MB5374	9/10/08	0921	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED02	MB5375	9/10/08	0934	Duplicate of sample RBS-SED01 for QA/QC purposes.
RBS-SED03	MB5376	9/10/08	0945	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED04	MB5377	9/10/08	1002	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED05	MB5378	9/10/08	1030	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED06	MB5379	9/10/08	1048	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED07	MB5380	9/12/08	1222	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED08	MB5381	9/12/08	1229	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED09	MB5382	9/12/08	1250	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-SED10	MB5383	9/12/08	1310	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED11	MB5384	9/12/08	1305	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED12	MB5385	9/12/08	1330	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in. MS/MSD for QA/QC purposes.
RBS-SED13	MB5386	9/10/08	0930	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED14	MB5387	9/10/08	1000	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED15	MB5388	9/10/08	1015	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED16	MB5389	9/10/08	1040	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED17	MB5390	9/12/08	1215	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED18	MB5391	9/12/08	1220	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED19	MB5392	9/12/08	1235	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED20	MB5393	9/12/08	1250	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED21	MB5394	9/12/08	1310	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED22	MB5395	9/12/08	1325	Duplicate of sample RBS-SED21 for QA/QC purposes.
RBS-SED23	MB5396	9/12/08	1225	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED24	MB5397	9/12/08	1332	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED25	MB5398	9/12/08	1341	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED26	MB5399	9/12/08	1345	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED27	MB53A0	9/11/08	1132	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED28	MB53A1	9/11/08	1131	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED29	MB53A2	9/11/08	1136	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED30	MB53A3	9/11/08	1141	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED31	MB53A4	9/11/08	1140	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED32	MB53A5	9/11/08	1145	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in. MS/MSD for QA/QC purposes.
RBS-SED33	MB53A6	9/11/08	1149	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-SED34	MB53A7	9/11/08	1146	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED35	MB53A8	9/11/08	1153	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED36	MB53A9	9/12/08	0927	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED37	MB53B0	9/12/08	0935	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED38	MB53B1	9/12/08	0936	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED39	MB53B2	9/12/08	0942	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED40	MB53B3	9/12/08	0942	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED41	MB53B4	9/12/08	0948	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED42	MB53B5	9/12/08	0953	Duplicate of sample RBS-SED41 for QA/QC purposes.
RBS-SED43	MB53B6	9/12/08	0948	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED44	MB53B7	9/12/08	0951	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED45	MB53B8	9/12/08	0956	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED46	MB53B9	9/12/08	0957	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED47	MB53C0	9/12/08	1004	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED48	MB53C1	9/12/08	1002	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED49	MB53C2	9/12/08	1004	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED50	MB53C3	9/12/08	1008	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED51	MB53C4	9/12/08	1012	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED52	MB53C5	9/12/08	1015	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in. MS/MSD for QA/QC purposes.
RBS-SED53	MB53C6	9/16/08	0915	Sediment sample from Cheesequake Creek inlet area on the western side of western jetty; depth: 0-3 in.
RBS-SED54	MB53C7	9/16/08	0945	Sediment sample from Cheesequake Creek inlet area on the western side of western jetty; depth: 0-3 in.
RBS-SED55	MB53C8	9/16/08	1058	Sediment sample from Cheesequake Creek inlet area on the western side of western jetty; depth: 0-3 in.
RBS-SED56	MB53C9	9/15/08	1417	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED57	MB53D0	9/15/08	1420	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-SED58	MB53D1	9/15/08	1432	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED59	MB53D2	9/15/08	1435	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED60	MB53D3	9/15/08	1450	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED61	MB53D4	9/15/08	1455	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED62	MB53D5	9/15/08	1457	Duplicate of sample RBS-SED61 for QA/QC purposes.
RBS-SED63	MB53D6	9/15/08	1506	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED64	MB53D7	9/15/08	1509	Sediment sample from the area west of the Cheesequake Creek inlet, west of the western jetty; depth: 0-3 in.
RBS-SED65	MB53D8	9/10/08	1359	Sediment sample from Margaret's Creek north of the footbridge; depth: 0-3 in.
RBS-SED66	MB53D9	9/10/08	1417	Sediment sample from Margaret's Creek north of the footbridge; depth: 0-3 in.
RBS-SED67	MB53E0	9/10/08	1500	Sediment sample from Margaret's Creek south of the footbridge; depth: 0-3 in.
RBS-SED68	MB53E1	9/10/08	1439	Sediment sample from Margaret's Creek south of the footbridge; depth: 0-3 in.
RBS-SED69	MB53E2	9/16/08	1445	Background sediment sample from an area suspected not to be influenced by past site activities; depth: 0-3 in.
RBS-SED70	MB53E3	9/16/08	1450	Background sediment sample from an area suspected not to be influenced by past site activities; depth: 0-3 in.
RBS-SED71	MB53E4	9/16/08	1452	Background sediment sample from an area suspected not to be influenced by past site activities; depth: 0-3 in.
RBS-SED72	MB53E5	9/16/08	1457	Background sediment sample from an area suspected not to be influenced by past site activities; depth: 0-3 in. MS/MSD for QA/QC purposes.
RBS-SED73	MB53E6	9/16/08	1458	Background sediment sample from an area suspected not to be influenced by past site activities; depth: 0-3 in.
RBS-SED74	MB53E7	9/16/08	1500	Background sediment sample from an area suspected not to be influenced by past site activities; depth: 0-3 in.
RBS-SED81	MB53L8	9/11/08	1201	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED82	MB53L9	9/11/08	1200	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED83	MB53M0	9/11/08	1208	Sediment sample from the area between the western end of the seawall and the first jetty; depth: 0-3 in.
RBS-SED84	MB53M3	9/12/08	1021	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED85	MB53M4	9/12/08	1021	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED86	MB53M5	9/12/08	1030	Sediment sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty; depth: 0-3 in.
RBS-SED87	MB53M9	9/12/08	1350	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-SED88	MB53N0	9/12/08	1354	Sediment sample from the area between Margaret's Creek and the western end of the seawall; depth: 0-3 in.
RBS-SED89	MB53N7	9/16/08	1140	Sediment sample from Cheesequake Creek inlet area on the eastern side of western jetty; depth: 0-3 in.
RBS-SED90	MB53N8	9/16/08	1240	Sediment sample from Cheesequake Creek inlet area on the eastern side of western jetty; depth: 0-3 in.
RBS-SW01	MB53F4	9/10/08	1425	Surface water sample from the seawall at low tide.
RBS-SW01D	MB53F5	9/10/08	1430	Surface water sample from the seawall at low tide.
RBS-SW02	MB53F6	9/10/08	1432	Duplicate of sample RBS-SW01 for QA/QC purposes.
RBS-SW02D	MB53F7	9/10/08	1437	Duplicate of sample RBS-SW01D for QA/QC purposes.
RBS-SW03	MB53F8	9/10/08	1440	Surface water sample from the seawall at low tide.
RBS-SW03D	MB53F9	9/10/08	1445	Surface water sample from the seawall at low tide.
RBS-SW04	MB53G0	9/10/08	1457	Surface water sample from the seawall at low tide.
RBS-SW04D	MB53G1	9/10/08	1502	Surface water sample from the seawall at low tide.
RBS-SW05	MB53G2	9/10/08	1508	Surface water sample from the seawall at low tide.
RBS-SW05D	MB53G3	9/10/08	1513	Surface water sample from the seawall at low tide.
RBS-SW06	MB53G4	9/10/08	1517	Surface water sample from the seawall at low tide.
RBS-SW06D	MB53G5	9/10/08	1522	Surface water sample from the seawall at low tide. MS/MSD for QA/QC purposes.
RBS-SW07	MB53G6	9/10/08	1407	Surface water sample from the seawall at high tide.
RBS-SW07D	MB53G7	9/10/08	1412	Surface water sample from the seawall at high tide.
RBS-SW08	MB53G8	9/10/08	1418	Surface water sample from the seawall at high tide.
RBS-SW08D	MB53G9	9/10/08	1423	Surface water sample from the seawall at high tide.
RBS-SW09	MB53H0	9/11/08	1047	Activity-based surface water sample from the area between the western end of the seawall and the first jetty.
RBS-SW09D	MB53H1	9/11/08	1047	Activity-based surface water sample from the area between the western end of the seawall and the first jetty.
RBS-SW10	MB53H2	9/11/08	1052	Activity-based surface water sample from the area between the western end of the seawall and the first jetty.
RBS-SW10D	MB53H3	9/11/08	1052	Activity-based surface water sample from the area between the western end of the seawall and the first jetty.
RBS-SW11	MB53H4	9/11/08	1056	Activity-based surface water sample from the area between the western end of the seawall and the first jetty.
RBS-SW11D	MB53H5	9/11/08	1056	Activity-based surface water sample from the area between the western end of the seawall and the first jetty.
RBS-SW12	MB53H6	9/15/08	0849	Activity-based surface water sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty.
RBS-SW12D	MB53H7	9/15/08	0849	Activity-based surface water sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty.
RBS-SW13	MB53H8	9/15/08	0853	Activity-based surface water sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty.
RBS-SW13D	MB53H9	9/15/08	0853	Activity-based surface water sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty.
RBS-SW14	MB53J0	9/15/08	0855	Activity-based surface water sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty.

TABLE 1 (continued)
SAMPLE DESCRIPTIONS
RARITAN BAY SLAG SITE
OLD BRIDGE AND SAYREVLLE, NEW JERSEY

SAMPLE NUMBER	ORGANIC CLP NO.	DATE	TIME	COMMENTS
RBS-SW14D	MB53J1	9/15/08	0855	Activity-based surface water sample from the area between the third jetty and the Cheesequake Creek inlet eastern jetty.
RBS-SW15	MB53J2	9/15/08	1135	Surface water sample from the area west of the Cheesequake Creek inlet, west of the western jetty.
RBS-SW15D	MB53J3	9/15/08	1135	Surface water sample from the area west of the Cheesequake Creek inlet, west of the western jetty.
RBS-SW16	MB53J4	9/15/08	1213	Surface water sample from the area west of the Cheesequake Creek inlet, west of the western jetty.
RBS-SW16D	MB53J5	9/15/08	1213	Surface water sample from the area west of the Cheesequake Creek inlet, west of the western jetty. MS/MSD for QA/QC purposes.
RBS-SW17	MB53J6	9/10/08	1355	Surface water sample from Margaret's Creek north of the footbridge.
RBS-SW17D	MB53J7	9/10/08	1355	Surface water sample from Margaret's Creek north of the footbridge.
RBS-SW18	MB53J8	9/10/08	1412	Surface water sample from Margaret's Creek north of the footbridge.
RBS-SW18D	MB53J9	9/10/08	1412	Surface water sample from Margaret's Creek north of the footbridge.
RBS-SW19	MB53K0	9/10/08	1450	Surface water sample from Margaret's Creek south of the footbridge.
RBS-SW19D	MB53K1	9/10/08	1450	Surface water sample from Margaret's Creek south of the footbridge.
RBS-SW20	MB53K2	9/10/08	1435	Surface water sample from Margaret's Creek south of the footbridge.
RBS-SW20D	MB53K3	9/10/08	1435	Surface water sample from Margaret's Creek south of the footbridge.
RBS-SW21	MB53K4	9/15/08	1350	Surface water sample from the Cheesequake Creek inlet area.
RBS-SW21D	MB53K5	9/15/08	1350	Surface water sample from the Cheesequake Creek inlet area.
RBS-SW22	MB53K6	9/15/08	1340	Surface water sample from the Cheesequake Creek inlet area.
RBS-SW22D	MB53K7	9/15/08	1340	Surface water sample from the Cheesequake Creek inlet area.
RBS-SW23	MB53K8	9/15/08	1300	Surface water sample from the Cheesequake Creek inlet area.
RBS-SW23D	MB53K9	9/15/08	1300	Surface water sample from the Cheesequake Creek inlet area.
RBS-SW24	MB53L0	9/15/08	1355	Duplicate of sample RBS-SW21 for QA/QC purposes.
RBS-SW24D	MB53N6	9/15/08	1355	Duplicate of sample RBS-SW21D for QA/QC purposes.
RBS-RIN01	MB53L4	9/11/08	0849	Rinsate blank (decontaminated stainless-steel auger and dedicated, disposable plastic scoop and tray) for QA/QC purposes.
RBS-RIN02	MB53L5	9/15/08	1045	Rinsate blank (decontaminated stainless-steel auger and dedicated, disposable plastic scoop and tray) for QA/QC purposes.
RBS-RIN03	MB53L6	9/16/08	0940	Rinsate blank (decontaminated stainless-steel petite ponar dredge and dedicated, disposable plastic scoop and tray) for QA/QC purposes.

Notes:
Surface water sample numbers containing a 'D' (RBS-SW01D) indicates that the samples were analyzed for Dissolved Metals.
Select soil samples were analyzed for TCLP Metals including: RBS-S01A, -S02A, -S03A, -S04A, -S05A, -S06A, -S07A, -S09A, -S10A, -S59A, -S60A, -S97, and –S98.

SITE LOCATION AND SAMPLE LOCATION MAPS

LEGEND:

Site Location

National Geographic TOPO! U.S. Geologic Survey (USGS). 7.5 Minute Series (Topographic) Quadrangles: Keyport, NJ, 1977 and South Amboy, NJ, 1995.

TITLE:

Site Location Map
Raritan Bay Slag
Laurence Harbor, NJ

PROJECT:
Raritan Bay Slag

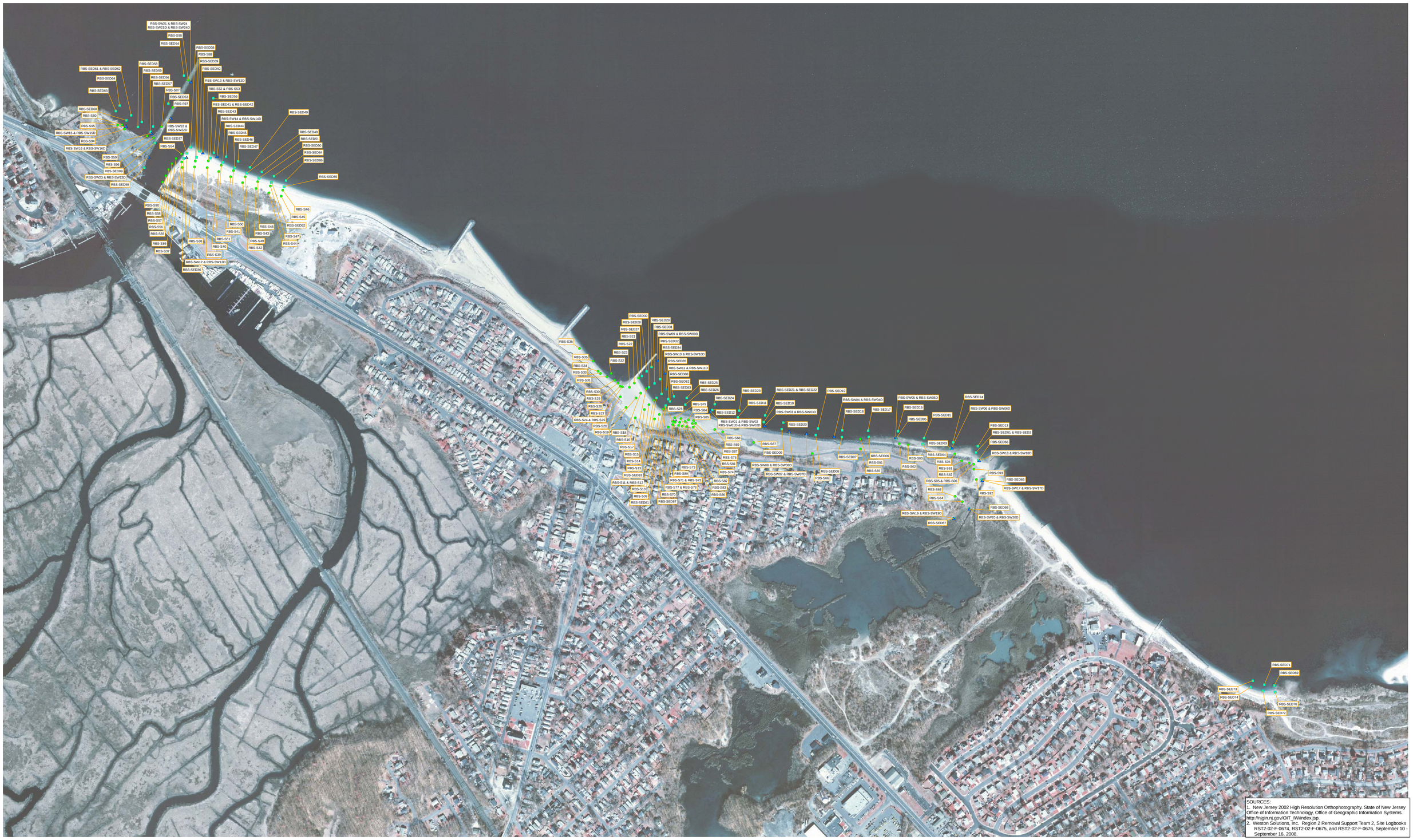
CLIENT NAME:
EPA

WESTON SOLUTIONS

DATE:
August 2008

FIGURE #:
1

P:\SAT2\Raritan_Bay_Slag\MXD\05944_RBS_Site_Loc.mxd



SOURCES:
1. New Jersey 2002 High Resolution Orthophotography. State of New Jersey Office of Information Technology, Office of Geographic Information Systems. http://njgin.nj.gov/OIT_IW/index.jsp.
2. Weston Solutions, Inc. Region 2 Removal Support Team 2, Site Logbooks RST2-02-F-0674, RST2-02-F-0675, and RST2-02-F-0676, September 10 - September 16, 2008.

Legend

- Soil Sample Location
- Sediment Sample Location
- Surface Water Sample Location

250 0 250 500
Graphic Scale In Feet

Weston Solutions, Inc.
205 Campus Drive Edison, New Jersey 08837-3939
TEL: (732) 417-5800 Fax: (732) 417-5801
http://www.westonsolutions.com

N W E S

REPORT DATE: September 2008	PROJECT MANAGER: D. Gaughan	CLIENT NAME: EPA	DRAWING TITLE: Raritan Bay Slag Site Sample Location Map
DRAWING PATH: 06025_RBS_Sample_Loc.mxd P:/SAT2/Raritan_Bay_Slag/MXD	CHECKED BY: D. Gaughan		
REVISION No. 0	CONTRACT No. EP-W-06-072	PROJECT NAME: Raritan Bay Slag Site	
WORK ORDER No. 20401.032.010.2064	DRAWN/MODIFIED BY: J. Lynes DATE CREATED: 09/22/2008		FIGURE: 2 SCALE: 1" = 250' DATE: 09/22/2008

ATTACHMENT 1

TRAFFIC REPORTS/CHAIN OF CUSTODY RECORDS/
FEDEX AIRBILLS

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-10	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6945	1 9/10/08 1730	FedEx 9/10/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53G2	Surface Water	L M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW05	S: 08-09-10 15:08		--
MB53G3	Surface Water/ Scott Snyder	L M/G	DTAL (14)	(HNO3) (1)	RBS-SW05D	S: 08-09-10 15:13		--
MB53G4	Surface Water	L M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW06	S: 08-09-10 15:17		--
MB53G5	Surface Water/ Scott Snyder	L M/G	DTAL (14)	(HNO3) (1)	RBS-SW06D	S: 08-09-10 15:22		--
MB53G8	Surface Water	L M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW08	S: 08-09-10 14:18		--
MB53G9	Surface Water/ Scott Snyder	L M/G	DTAL (14)	(HNO3) (1)	RBS-SW08D	S: 08-09-10 14:23		--
MB53J8	Surface Water/ Scott Snyder	L M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW18	S: 08-09-10 14:12		--
MB53J9	Surface Water/ Scott Snyder	L M/G	DTAL (14)	(HNO3) (1)	RBS-SW18D	S: 08-09-10 14:12		--
MB53K0	Surface Water/ Scott Snyder	L M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW19	S: 08-09-10 14:50		--
MB53K1	Surface Water/ Scott Snyder	L M/G	DTAL (14)	(HNO3) (1)	RBS-SW19D	S: 08-09-10 14:50		--
MB53K2	Surface Water/ Scott Snyder	L M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW20	S: 08-09-10 14:35		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53G5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091008-0004

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

REGION COPY

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-10	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6945	1 9/10/08 1730	FedEx 9/10/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53K3	Surface Water/ Scott Snyder	M/G L DF7	DTAL (14)	(HNO3) (1)	RBS-SW20D	S: 08-09-10 14:35		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53G5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091008-0004

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Weston	Dan Gaughan	9/10/08	064635
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
205 Campus Dr.	732-417-5869 732-417-5801		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Edison / NJ / 08837	Dan Gaughan	Kyle Young	
Project Name and Location (State)	**Carrier/Waybill Number**		
Raritan Bay Slag	8541 6029 6577		
Contract/Purchase Order/Quote No.			
CO6413641			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Ice	Analysis: Grain Size w/ Hydrometer	Special Instructions/ Conditions of Receipt
RBS-SED01	9/10/08	0921			X								X	X	
RBS-SED03	9/10/08	0945			X								X	X	
RBS-SED04	9/10/08	1002			X								X	X	
RBS-SED05	9/10/08	1030			X								X	X	
RBS-SED13	9/10/08	0930			X								X	X	
RBS-SED14	9/10/08	1000			X								X	X	
RBS-SED15	9/10/08	1015			X								X	X	
RBS-SED06	9/10/08	1048			X								X	X	
RBS-SED16	9/10/08	1040			X								X	X	
RBS-SED65	9/10/08	1359			X								X	X	
RBS-SED66	9/10/08	1417			X								X	X	
RBS-SED67	9/10/08	1500			X								X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/10/08	1730	1. Received By FedEx	9/10/08	1730
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Weston	Dan Gaughan	9/10/08	061636
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
205 Campus Dr.	732-417-5869 732-417-5861		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Edison / NJ / 08837	Dan Gaughan	Kirk Young	
Project Name and Location (State)	**Carrier/Waybill Number**		
Raritan Bay Slag	8541 8029 6577		
Contract/Purchase Order/Quote No.			
CO64136C4			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	TCE	Analysis (Attach list if more space is needed): X grain size w/ Hydrometer	Special Instructions/ Conditions of Receipt
RBS-SED108	9/10/08	1439			X									X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/10/08	1730	1. Received By: Fed Ex	9/10/08	1730
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FedEx. US Airbill
Express

FedEx Tracking Number 8541 0029 6577

0200 Sender's Copy

1 From *Please print and press hard.*

Date 9/10/08 Sender's FedEx Account Number 396 778 623

Sender's Name Scott Snyder Phone (732)417-5600

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.035.010 2064

3 To

Recipient's Name Kirk Young Phone (802)660-1990

Company Test America Laboratories

Recipient's Address 30 Community Drive, Ste 11

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City South Burlington State VT ZIP 05403

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	48	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

520

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Questions? Go to our Web site at fedex.com
or call 1.800.GoFedEx 1.800.463.3339.

RETAIN THIS COPY FOR YOUR RECORDS.

FedEx® US Airbill
Express

FedEx Tracking Number 8541 0029 6945

0200 Sender's Copy

1 From *Please print and press hard.*

Date 9/10/05 Sender's FedEx Account Number 3967778623

Sender's Name Scott Snyder Phone (732)417-5600

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.035.010 2004

3 To

Recipient's Name Beth Whitehead Phone (601) 264-2554

Company Banner Analytical

Recipient's Address 2703 Oak Grove Rd.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Hattiesburg State MS ZIP 39402

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

520

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RETAIN THIS COPY FOR YOUR RECORDS.

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region: 2	**Date Shipped:** 08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:	**Carrier Name:** FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:	**Airbill:** 8541 0029 6912	1 9/11/08 1730	Fed Ex 9/11/08 1730
CERCLIS ID: NJN000206276	**Shipped to:** Bonner Analytical Testing Company, 2703 Oak Grove Rd, Hattiesburg MS 39402, (601) 264-2854	2	
Spill ID: A205		3	
Site Name/State: Raritan Bay Slag Removal/NJ		4	
Project Leader: Dan Gaughan			
Action: Integrated Assessment (IA)			
Sampling Co: WESTON - RST 2			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5356	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S70	S: 08-09-11 7:50		--
MB5357	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S71	S: 08-09-11 8:00		--
MB5358	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S72	S: 08-09-11 8:05		Field Duplicate
MB5359	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S73	S: 08-09-11 9:05		--
MB5360	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S74	S: 08-09-11 9:10		--
MB5361	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S75	S: 08-09-11 9:15		--
MB5362	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S76	S: 08-09-11 9:20		--
MB5363	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S77	S: 08-09-11 8:10		--
MB5364	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S78	S: 08-09-11 8:15		Field Duplicate
MB5365	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S79	S: 08-09-11 8:55		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB5365	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091108-0005

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2
Project Code:	
Account Code:	
CERCLIS ID:	NJN000206276
Spill ID:	A205
Site Name/State:	Raritan Bay Slag Removal/NJ
Project Leader:	Dan Gaughan
Action:	Integrated Assessment (IA)
Sampling Co:	WESTON - RST 2

Date Shipped:	08-09-11
Carrier Name:	FedEx
Airbill:	8541 0029 6912
Shipped to:	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854

Chain of Custody Record

Relinquished By (Date / Time)	Received By (Date / Time)
1 9/11/01 1730	FedEx 9/11/01 1730
2	
3	
4	

Sampler Signature:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5366	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S80	S: 08-09-11 8:20		--
MB5367	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S81	S: 08-09-11 8:35		--
MB5368	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S82	S: 08-09-11 8:30		--
MB5369	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S83	S: 08-09-11 9:00		--
MB5370	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S84	S: 08-09-11 8:50		--
MB5371	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S85	S: 08-09-11 8:45		--
MB5372	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S86	S: 08-09-11 8:25		--
MB5373	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S87	S: 08-09-11 8:40		--
MB53L4	Field QC/ Scott Snyder	M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-RIN01	S: 08-09-11 8:49		Rinsate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MB5365	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091108-0005

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/08 1730	FedEx 9/11/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MB52Y7	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S09A	S: 08-09-11	8:55		--
MB52Y8	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S09B	S: 08-09-11	9:05		--
MB52Y9	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S09C	S: 08-09-11	9:15		--
MB52Z0	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S10A	S: 08-09-11	8:56		--
MB52Z1	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S10B	S: 08-09-11	9:11		--
MB52Z2	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S10C	S: 08-09-11	9:23		--
MB52Z3	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S11	S: 08-09-11	9:58		--
MB52Z4	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S12	S: 08-09-11	10:00		Field Duplicate
MB52Z5	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S13	S: 08-09-11	9:59		--
MB52Z6	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S14	S: 08-09-11	10:08		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB5305	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key: In+Sn soil = TAL Inorganics + Sn (soil)	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: **2-344931618-091108-0006**

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 [signature] 9/11/08 1730	FedEx 9/11/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MB52Z7	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S15	S: 08-09-11	10:09		--
MB52Z8	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S16	S: 08-09-11	10:04		--
MB52Z9	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S17	S: 08-09-11	10:25		--
MB5300	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S18	S: 08-09-11	10:20		--
MB5301	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S19	S: 08-09-11	10:15		--
MB5302	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S20	S: 08-09-11	10:10		--
MB5303	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S21	S: 08-09-11	10:08		--
MB5304	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S22	S: 08-09-11	10:00		--
MB5305	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S23	S: 08-09-11	9:55		--
MB5306	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S24	S: 08-09-11	9:45		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB5305	[signature]	
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**
In+Sn soil = TAL Inorganics + Sn (soil)			

TR Number: **2-344931618-091108-0006**

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/08 1730	FedEx 9/11/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5307	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S25	S: 08-09-11 9:50		--

② Field Duplicate
9/23/08

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB5305	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key: In+Sn soil = TAL Inorganics + Sn (soil)	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: **2-344931618-091108-0006**

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/08 1730	FedEx 9/11/02 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5309	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S27	S: 08-09-11 10:29		--
MB5310	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S28	S: 08-09-11 10:31		--
MB5311	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S29	S: 08-09-11 10:35		--
MB5312	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S30	S: 08-09-11 10:39		--
MB5313	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S31	S: 08-09-11 10:41		--
MB5314	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S32	S: 08-09-11 10:45		--
MB5315	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S33	S: 08-09-11 10:49		--
MB5316	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S34	S: 08-09-11 10:54		--
MB5317	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S35	S: 08-09-11 10:56		--
MB5318	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S36	S: 08-09-11 10:59		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:

R

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/or 1730	FedEx 9/11/or 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53H0	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW09	S: 08-09-11 10:47		--
MB53H1	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW09D	S: 08-09-11 10:47		--
MB53H2	Surface Water	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW10	S: 08-09-11 10:52		--
MB53H3	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW10D	S: 08-09-11 10:52		--
MB53H4	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW11	S: 08-09-11 10:56		--
MB53H5	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW11D	S: 08-09-11 10:56		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091108-0007

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/08 1730	FedEx 9/11/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53A0	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED27	S: 08-09-11 11:32		--
MB53A1	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED28	S: 08-09-11 11:31		--
MB53A2	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED29	S: 08-09-11 11:36		--
MB53A3	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED30	S: 08-09-11 11:41		--
MB53A4	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED31	S: 08-09-11 11:40		--
MB53A5	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED32	S: 08-09-11 11:45		--
MB53A6	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED33	S: 08-09-11 11:49		--
MB53A7	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED34	S: 08-09-11 11:46		--
MB53A8	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED35	S: 08-09-11 11:53		--
MB53L8	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED81	S: 08-09-11 12:01		--
MB53L9	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED82	S: 08-09-11 12:00		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53A5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____
In+Sn soil = TAL Inorganics + Sn (soil)			

TR Number: **2-344931618-091108-0008**

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/08 1730	FedEx 9/11/08 1700
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53M0	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED83	S: 08-09-11 12:08		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53A5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____
In+Sn soil = TAL Inorganics + Sn (soil)			

TR Number: **2-344931618-091108-0008**

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-11	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6912	1 9/11/01 1730	FedEx 9/11/01 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB52W5	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S01A	S: 08-09-11 14:04		--
MB52W6	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S01B	S: 08-09-11 14:10		--
MB52W8	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S02A	S: 08-09-11 14:21		--
MB52W9	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S02B	S: 08-09-11 14:31		--
MB52X1	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S03A	S: 08-09-11 14:37		--
MB52X4	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S04A	S: 08-09-11 14:56		--
MB52X5	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S04B	S: 08-09-11 15:02		--
MB52X7	Surface Soil (0-24")/ Scott Snyder	M/G	(35) In+Sn soil (14) In/TCLP (14)	(Ice Only) (1)	RBS-S05A	S: 08-09-11 15:10		--
MB52Y0	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S06A	S: 08-09-11 15:15		Field Duplicate

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB52W5	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

In+Sn soil = TAL Inorganics + Sn (soil), In/TCLP = TCLP Inorganic (soil)

TR Number: 2-344931618-091108-0009

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Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

4124 (0907)

Client	Project Manager	Date	Chain of Custody Number
Weston Solutions	Dan Gaughen	9/11/08	413283
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
205 Campus Dr.	(732) 417-5612		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Edison / NJ / 08837	D. Gaughen		
Project Name and Location (State)	**Carrier/Waybill Number**		
Raritan Bay Slag NJ	FedEx / 8541 0029 6923		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Grain Size	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
RBS-SED27	9/11/08	1133			X		X						X		
RBS-SED28		1131			X		X						X		
RBS-SED29		1136			X		X						X		
RBS-SED30		1140			X		X						X		
RBS-SED31		1140			X		X						X		
RBS-SED32		1145			X		X						X		
RBS-SED33		1147			X		X						X		
RBS-SED34		1146			X		X						X		
RBS-SED35		1153			X		X						X		
RBS-SED81		1201			X		X						X		
RBS-SED82		1200			X		X						X		
RBS-SED83		1208			X		X						X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By (Scott Snyder)	9/11/08	1730	1. Received By FedEx	9/11/08	1730
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

FedEx Express **US Airbill**

FedEx Tracking Number 8541 0029 6923

Form No. 0200 — **Sender's Copy**

1 From *Please print and press hard*

Date 9/11/06 Sender's FedEx Account Number 396774823

Sender's Name Scott Snyder Phone 732417-5800

Company Weston Solutions, Inc.

Address 205 Campus Dr — Dept/Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference
First 24 characters will appear on invoice

3 To

Recipient's Name Kirk Young Phone (802)660-1990

Company Test America Labs

Recipient's Address 30 Community Dr, Ste 11 — Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address
To request a package be held at a specific FedEx location, print FedEx address here.

City South Burlington State VT ZIP 05403

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. ____ Exp. Date ____

Total Packages	Total Weight	Total Declared Value†	
		$ .00	FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

Questions? Go to our Web site at fedex.com
or call 1.800.GoFedEx 1.800.463.3339.

RETAIN THIS COPY FOR YOUR RECORDS.

FedEx Express **US Airbill**

FedEx Tracking Number 8541 0029 6912

0200 Sender's Copy

1 From *Please print and press hard.*

Date 9/11/06 Sender's FedEx Account Number 396 778 823

Sender's Name Scott Snyder Phone (732)417-5800

Company Weston Solutions, Inc.

Address 205 Campus Dr. Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name Beth Whitehead Phone (601) 264-2864

Company Bonner Analytical

Recipient's Address 2703 Oak Grove Rd.
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address
To request a package be held at a specific FedEx location, print FedEx address here.

City Hattiesburg State MS ZIP 39402

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

Questions? Go to our Web site at fedex.com
or call 1.800.GoFedEx 1.800.463.3339.

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MB5319	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S37	S: 08-09-12	8:33		--
MB5320	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S38	S: 08-09-12	8:36		--
MB5321	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S39	S: 08-09-12	8:37		--
MB5322	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S40	S: 08-09-12	8:41		--
MB5323	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S41	S: 08-09-12	8:41		--
MB5324	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S42	S: 08-09-12	8:50		--
MB5325	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S43	S: 08-09-12	8:47		--
MB5326	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S44	S: 08-09-12	8:44		--
MB5327	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S45	S: 08-09-12	8:52		--
MB5328	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S46	S: 08-09-12	8:52		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB5325		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**

In+Sn soil = TAL Inorganics + Sn (soil)

TR Number: 2-344931618-091208-0010

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Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region: 2	**Date Shipped:** 08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:	**Carrier Name:** FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:	**Airbill:** 8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID: NJN000206276	**Shipped to:** Bonner Analytical Testing Company	2	
Spill ID: A205	2703 Oak Grove Rd	3	
Site Name/State: Raritan Bay Slag Removal/NJ	Hattiesburg MS 39402	4	
Project Leader: Dan Gaughan	(601) 264-2854		
Action: Integrated Assessment (IA)			
Sampling Co: WESTON - RST 2			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5329	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S47	S: 08-09-12 8:56		--
MB5330	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S48	S: 08-09-12 8:57		--
MB5331	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S49	S: 08-09-12 8:57		--
MB5332	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S50	S: 08-09-12 9:02		--
MB5333	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S51	S: 08-09-12 9:01		--
MB5334	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S52	S: 08-09-12 9:08		--
MB5335	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S53	S: 08-09-12 9:06		Field Duplicate
MB53M1	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S88	S: 08-09-12 9:11		--
MB53M2	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S89	S: 08-09-12 9:13		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB5325	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

In+Sn soil = TAL Inorganics + Sn (soil)

TR Number: 2-344931618-091208-0010

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53A9	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED36	S: 08-09-12 9:27		--
MB53B0	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED37	S: 08-09-12 9:35		--
MB53B1	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED39	S: 08-09-12 9:42		--
MB53B3	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED40	S: 08-09-12 9:42		--
MB53B4	Sediment	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED41	S: 08-09-12 9:48		--
MB53B5	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED42	S: 08-09-12 9:53		Field Duplicate
MB53B6	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED43	S: 08-09-12 9:48		--
MB53B7	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED44	S: 08-09-12 9:51		--
MB53B8	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED45	S: 08-09-12 9:56		--
MB53B9	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED46	S: 08-09-12 9:57		--
MB53C0	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED47	S: 08-09-12 10:04		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53C5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**
In+Sn soil = TAL Inorganics + Sn (soil)			

TR Number: **2-344931618-091208-0011**

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53C1	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED48	S: 08-09-12 10:02		--
MB53C2	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED49	S: 08-09-12 10:04		--
MB53C3	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED50	S: 08-09-12 10:08		--
MB53C4	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED51	S: 08-09-12 10:12		--
MB53C5	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED52	S: 08-09-12 10:15		--
MB53L1	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED38	S: 08-09-12 9:36		--
MB53M3	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED84	S: 08-09-12 10:21		--
MB53M4	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED85	S: 08-09-12 10:21		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB53C5	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

In+Sn soil = TAL Inorganics + Sn (soil)

TR Number: **2-344931618-091208-0011**

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Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5336	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S54	S: 08-09-12 10:45		--
MB5337	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S55	S: 08-09-12 10:40		--
MB5338	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S56	S: 08-09-12 10:49		--
MB5339	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S57	S: 08-09-12 10:45		--
MB5340	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S58	S: 08-09-12 10:54		--
MB5380	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED07	S: 08-09-12 12:22		--
MB5381	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED08	S: 08-09-12 12:29		--
MB5382	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED09	S: 08-09-12 12:50		--
MB5383	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED10	S: 08-09-12 13:10		--
MB5384	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED11	S: 08-09-12 13:05		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MB5385	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key: In+Sn soil = TAL Inorganics + Sn (soil)	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**

TR Number: 2-344931618-091208-0012

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5385	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED12	S: 08-09-12 13:30		--
MB5390	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED17	S: 08-09-12 12:15		--
MB5391	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED18	S: 08-09-12 12:20		--
MB5392	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED19	S: 08-09-12 12:35		--
MB5393	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED20	S: 08-09-12 12:50		--
MB5394	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED21	S: 08-09-12 13:10		--
MB53M5	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED86	S: 08-09-12 10:30		--
MB53M6	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S90	S: 08-09-12 10:51		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB5385		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**

In+Sn soil = TAL Inorganics + Sn (soil)

TR Number: **2-344931618-091208-0012**

REGION COPY

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Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-12	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6901	1 9/12/08 1630	FedEx 9/12/08 1630
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5395	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED22	S: 08-09-12 13:25		Field Duplicate
MB5396	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED23	S: 08-09-12 12:25		--
MB5397	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED24	S: 08-09-12 13:32		--
MB5398	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED25	S: 08-09-12 13:41		--
MB5399	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED26	S: 08-09-12 13:45		--
MB53M7	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S92	S: 08-09-12 14:20		--
MB53M8	Surface Soil (0-24")	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S93	S: 08-09-12 14:30		--
MB53M9	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED87	S: 08-09-12 13:50		--
MB53N0	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED88	S: 08-09-12 13:54		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____
In+Sn soil = TAL Inorganics + Sn (soil)			

TR Number: **2-344931618-091208-0013**

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 .fax 907.563.9210

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Airbill No 8541 0029 6597

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: D Gaughan	Site Contact: D Gaughan	Date: 9/12/08	COC No:
Your Company Name here: Weston Solutions	Tel/Fax: (732) 417-5800	Lab Contact:	Carrier: FedEx	1 of 3 COCs
Address: 205 Campus Dr	Analysis Turnaround Time			Job No.
City/State/Zip: Edison / NJ / 08837	Calendar (C) or Work Days (W)			
(xxx) xxx-xxxx Phone	TAT if different from Below			
(xxx) xxx-xxxx FAX	☐ 2 weeks			SDG No.
Project Name: Raritan Bay Slag	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Grain Size	Sample Specific Notes:
RBS-SED36	9/12/08	0927	G	Sed	1		X	
RBS-SED37	↓	0935	↓	↓	↓		X	
RBS-SED38	↓	0936	↓	↓	↓		X	
RBS-SED39	↓	0942	↓	↓	↓		X	
RBS-SED40	↓	0942	↓	↓	↓		X	
RBS-SED41	↓	0948	↓	↓	↓		X	
RBS-SED43	↓	0948	↓	↓	↓		X	
RBS-SED44	↓	0951	↓	↓	↓		X	
RBS-SED45	↓	0956	↓	↓	↓		X	
RBS-SED46	↓	0957	↓	↓	↓		X	
RBS-SED47	↓	1004	↓	↓	↓		X	
RBS-SED48	↓	1002	↓	↓	↓		X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☒

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ______ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature] (Scott Snyder)	WESTON	9/12/08 1630	FedEx	—	9/12/08 1630
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 fax 907.563.9210

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Airbill No 8541 0029 6597

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: D. Gaughen	Site Contact: D Gaughen	Date: 9/12/08	COC No:
Your Company Name here: Weston Solutions	Tel/Fax: (732) 417-5500	Lab Contact:	Carrier: FedEx	2 of 3 COCs
Address: 205 Campus Dr.	Analysis Turnaround Time			Job No.
City/State/Zip: Edison, NJ / 08837	Calendar (C) or Work Days (W)			
(xxx) xxx-xxxx Phone	TAT if different from Below			SDG No.
(xxx) xxx-xxxx FAX	☐ 2 weeks			
Project Name: Raritan Bay Slag	☐ 1 week			
Site:	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample Grain Size	Sample Specific Notes:
RBS-SED49	9/12/08	1004	G	Sed	1	X	
RBS-SED50		1006				X	
RBS-SED51		1012				X	
RBS-SED52		1015				X	
RBS-SED01		1021				X	
RBS-SED02		1021				X	
RBS-SED03		1030				X	
RBS SED 19		1235				X	
RBS SED 10		1310				X	
RBS SED 08		1229				X	
RBS SED 17		1215				X	
RBS SED 21		1310				X	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

1630

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Weston	9/12/08	FedEx	—	9/12/08 1630
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 fax 907.563.9210

Chain of Custody Record

Airbill No. 8541 0029 6897

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: D Gaughan	Site Contact: D Gaughan	Date: 9/12/08	COC No:
Your Company Name here: Weston Solutions	Tel/Fax: 732 417 5800	Lab Contact:	Carrier: Fed Ex	3 of 3 COCs
Address: 205 Campus Dr	Analysis Turnaround Time			Job No.
City/State/Zip: Edison NJ 08837	Calendar (C) or Work Days (W) ____			
(xxx) xxx-xxxx Phone	TAT if different from Below ____			SDG No.
(xxx) xxx-xxxx FAX	☐ 2 weeks			
Project Name: Raritan Bay Slag	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample: Grain Size	Sample Specific Notes:
RBS SED 26	9/12/08	1345	G	Sed	1	X	
RBS SED 20		1250				X	
RBS SED 23		1325				X	
RBS SED 09		1250				X	
RBS SED 12		1330				X	
RBS SED 18		1220				X	
RBS SED 24		1332				X	
RBS SED 25		1341				X	
RBS SED 11		1305				X	
RBS SED 07		1222				X	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

1630

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	WESTON	9/12/08	Fed Ex	—	9/12/08 1630
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

FedEx. US Airbill
Express

FedEx Tracking Number 8541 0029 6901

Sender's Copy

1 From *Please print and press hard.*

Date 9/12/06 Sender's FedEx Account Number 396 774 823

Sender's Name Scott Snyder Phone (732) 417-5800

Company Weston Solutions, Inc.

Address 205 Campus Dr. Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.039.010.2064

3 To

Recipient's Name Beth Whitehead Phone (601) 264-2454

Company Bonner Analytical

Recipient's Address 2703 Oak Grove Rd. Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Hattiesburg State MS ZIP 39402

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [X] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
4	236	$ .00

† Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

520

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RETAIN THIS COPY FOR YOUR RECORDS.

FedEx. US Airbill
Express

FedEx Tracking Number 8541 0029 6897

Sender's Copy

1 From *Please print and press hard.*

Date 9/12/06 Sender's FedEx Account Number 396 778 823

Sender's Name Scott Snyder Phone (732)417-5800

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept/Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name Kirk Young Phone (802) 660-1990

Company Test America Labs

Recipient's Address 30 Community Dr. Suite

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City South Burlington State VT ZIP 05403

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
2	102	$ .00

† Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

520

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By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

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or call 1.800.GoFedEx 1.800.463.3339.

RETAIN THIS COPY FOR YOUR RECORDS.

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-15	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6522	1 9/15/15 1730	FedEx 9/15/15 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MB52Y1	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S07A	S: 08-09-15	10:03		--
MB52Y2	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S07B	S: 08-09-15	10:06		--
MB52Y3	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S07C	S: 08-09-15	10:11		--
MB53H6	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW12	S: 08-09-15	8:49		--
MB53H7	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW12D	S: 08-09-15	8:49		--
MB53H8	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW13	S: 08-09-15	8:53		--
MB53H9	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW13D	S: 08-09-15	8:53		--
MB53J0	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW14	S: 08-09-15	8:55		--
MB53J1	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW14D	S: 08-09-15	8:55		--
MB53L5	Field QC/ Scott Snyder	M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-RIN02	S: 08-09-15	10:45		Rinsate

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous), In/TCLP = TCLP Inorganic (soil)

TR Number: 2-344931618-091508-0014

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-15	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6522	1 9/15/08 1730	FedEx 9/15/08 1738
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MB53N1	Surface Soil (0-24")/ Scott Snyder	L/C	In+Sn soil (14)	(Ice Only) (1)	RBS-S96	S: 08-09-15	9:36		--
MB53N2	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S94	S: 08-09-15	9:35		--
MB53N3	Surface Soil (0-24")/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S95	S: 08-09-15	9:42		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous), In/TCLP = TCLP Inorganic (soil)

TR Number: 2-344931618-091508-0014

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-15	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6522	1 9/15/08 1730	FedEx 9/15/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB5341	Surface Soil (0-24")/ Scott Snyder	M/G	In/TCLP (14) (3) In+Sn soil	(Ice Only) (1)	RBS-S59A	S: 08-09-15 10:57		--
MB5342	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14)	(Ice Only) (1)	RBS-S59B	S: 08-09-15 11:11		--
MB5344	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S60A	S: 08-09-15 11:30		--
MB53J2	Surface Water/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SW15	S: 08-09-15 11:35		--
MB53J3	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW15D	S: 08-09-15 11:35		--
MB53J4	Surface Water/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SW16	S: 08-09-15 12:13		--
MB53J5	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW16D	S: 08-09-15 12:13		Lab QC
MB53K8	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW23	S: 08-09-15 13:00		--
MB53K9	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW23D	S: 08-09-15 13:00		--
MB53N4	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S97	S: 08-09-15 13:35		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53J5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous), In/TCLP = TCLP Inorganic (soil)

TR Number: 2-344931618-091508-0015

REGION COPY

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Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-15	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6522	1 9/15/08 1730	FedEx 9/15/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53N5	Surface Soil (0-24")/ Scott Snyder	M/G	In+Sn soil (14), In/TCLP (14)	(Ice Only) (2)	RBS-S98	S: 08-09-15 13:27		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MB53J5	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous), In/TCLP = TCLP Inorganic (soil)

TR Number: 2-344931618-091508-0015

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836 **R**
DAS No:

Region:	2	**Date Shipped:**	08-09-15	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6522	1 9/15/08 1730	FedEx 9/15/08 1730
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53C9	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED56	S: 08-09-15 14:17		--
MB53D0	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED57	S: 08-09-15 14:20		--
MB53D1	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED58	S: 08-09-15 14:32		--
MB53D2	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED59	S: 08-09-15 14:35		--
MB53D3	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED60	S: 08-09-15 14:50		--
MB53D4	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED61	S: 08-09-15 14:55		--
MB53D5	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED62	S: 08-09-15 14:57		Field Duplicate
MB53D6	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED63	S: 08-09-15 15:06		--
MB53D7	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED64	S: 08-09-15 15:09		--
MB53K4	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW21	S: 08-09-15 13:50		--
MB53K5	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW21D	S: 08-09-15 13:50		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091508-0016

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:

R

Region:	2
Project Code:	
Account Code:	
CERCLIS ID:	NJN000206276
Spill ID:	A205
Site Name/State:	Raritan Bay Slag Removal/NJ
Project Leader:	Dan Gaughan
Action:	Integrated Assessment (IA)
Sampling Co:	WESTON - RST 2

Date Shipped:	08-09-15
Carrier Name:	FedEx
Airbill:	8541 0029 6522
Shipped to:	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1	9/15/08 1730	FedEx	9/15/08 1730
2			
3			
4			

Sampler Signature:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MB53K6	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW22	S: 08-09-15	13:40		--
MB53K7	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW22D	S: 08-09-15	13:40		--
MB53L0	Surface Water/ Scott Snyder	L/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-SW24	S: 08-09-15	13:55		Field Duplicate
MB53N6	Surface Water/ Scott Snyder	L/G	DTAL (14)	(HNO3) (1)	RBS-SW24D	S: 08-09-15	13:55		Field Duplicate

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?**

DTAL = Dissolved Metals (aqueous), In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091508-0016

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 fax 907.563.9210

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Air bill No. 8541 0029 6533

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: D. Gaughan	Site Contact: D. Gaughan	Date: 9/15/08	COC No:
Your Company Name here: WESTON	Tel/Fax:	Lab Contact:	Carrier: FedEx	1 of ____ COCs
Address: 205 Campus Dr.	Analysis Turnaround Time			Job No.
City/State/Zip: Edison, NJ 08837	Calendar (C) or Work Days (W) ____			
(xxx) xxx-xxxx Phone: 732-417-5800	TAT if different from Below ____			SDG No.
(xxx) xxx-xxxx FAX	☒ 2 weeks			
Project Name: Raritan Bay Slag	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Grain Size	Sample Specific Notes:
RBS-SED 56	9/15/08	1417	G	Sed	1		X	
RBS-SED 57		1420					X	
RBS-SED 58		1432					X	
RBS-SED 59		1435					X	
RBS-SED 60		1450					X	
RBS-SED 61		1455					X	
(63) RBS-SED 62		1457					X	
RBS-SED 63		1506					X	
RBS-SED 64		1509					X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☒

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

1730

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
(Scott Snyder)	WESTON	9/15/08			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 fax 907.563.9210

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: N. Magriplis	Site Contact:	Date: 9/15/08	COC No:
Your Company Name here WESTON	Tel/Fax:	Lab Contact:	Carrier: Hand-Del.	____ of ____ COCs
Address	**Analysis Turnaround Time**			Job No.
City/State/Zip	Calendar (C) or Work Days (W) ____			
(xxx) xxx-xxxx Phone	TAT if different from Below ____			SDG No.
(xxx) xxx-xxxx FAX	☐ 2 weeks			
Project Name: Raritan Bay Slag	☐ 1 week			
Site: NJ	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Sample Specific Notes:
RBS-SC7A	9/15/08	1003	G	S	1		
RBS-S59A		1057					
RBS-S60A		1130					
RBS-S97		1335					
RBS-S96		1327					

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Weston	9/15/08 1645		USEPA-ERT	9/15/08
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

FedEx® US Airbill Express

FedEx Tracking Number 8541 0029 6522

Sender's Copy

1 From *Please print and press hard.*

Date 9/15/08 Sender's FedEx Account Number 396776 6823

Sender's Name Scott Snyder Phone 732)417-5800

Company Weston Solutions, Inc.

Address 205 Campus Dr. Dept/Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.035.010.2064

3 To

Recipient's Name Beth Whitehead Phone (601)264-2454

Company Bonner Analytical

Recipient's Address 2703 Oak Grove Rd Dept/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Hattiesburg State MS ZIP 39402

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages: 3 Total Weight: 185 Total Declared Value†: $ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [X] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

520

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Questions? Go to our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

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FedEx. US Airbill Express

FedEx Tracking Number 8541 0029 6533

Sender's Copy

1 From *Please print and press hard.*

Date 9/15/06 Sender's FedEx Account Number 396776823

Sender's Name Scott Snyder Phone (732) 417-5800

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.035.010.2004

3 To

Recipient's Name Kirk Young Phone (802) 660-1990

Company Test America Labs

Recipient's Address 30 Community Dr. Ste 11

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City South Burlington State VT ZIP 05403

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	50	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [X] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

520

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2
Project Code:	
Account Code:	
CERCLIS ID:	NJN000206276
Spill ID:	A205
Site Name/State:	Raritan Bay Slag Removal/NJ
Project Leader:	Dan Gaughan
Action:	Integrated Assessment (IA)
Sampling Co:	WESTON - RST 2

Date Shipped:	08-09-16
Carrier Name:	FedEx
Airbill:	8541 0029 6496
Shipped to:	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1	9/16/16 1645	FedEx	9/16/16 1645
2			
3			
4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53C6	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED53	S: 08-09-16 9:15		--
MB53C7	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED54	S: 08-09-16 9:45		--
MB53C8	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED55	S: 08-09-16 10:58		--
MB53E2	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED69	S: 08-09-16 14:45		--
MB53E3	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED70	S: 08-09-16 14:50		--
MB53E4	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED71	S: 08-09-16 14:52		--
MB53E5	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED72	S: 08-09-16 14:57		--
MB53E6	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED73	S: 08-09-16 14:58		--
MB53E7	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED74	S: 08-09-16 15:00		--
MB53L6	Field QC/ Scott Snyder	M/G	In/Sn(aq) (14)	(HNO3) (1)	RBS-RIN03	S: 08-09-16 9:40		Rinsate
MB53N7	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED89	S: 08-09-16 11:40		--

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: MB53E5	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?

In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091608-0017

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 37836
DAS No:
R

Region:	2	**Date Shipped:**	08-09-16	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	FedEx	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	8541 0029 6496	1 9/16/08 1645	FedEx 9/16/08 1645
CERCLIS ID:	NJN000206276	**Shipped to:**	Bonner Analytical Testing Company 2703 Oak Grove Rd Hattiesburg MS 39402 (601) 264-2854	2	
Spill ID:	A205			3	
Site Name/State:	Raritan Bay Slag Removal/NJ			4	
Project Leader:	Dan Gaughan				
Action:	Integrated Assessment (IA)				
Sampling Co:	WESTON - RST 2				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MB53N8	Sediment/ Scott Snyder	L/G	In+Sn soil (14)	(Ice Only) (1)	RBS-SED90	S: 08-09-16 12:40		--

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MB53E5		
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

In+Sn soil = TAL Inorganics + Sn (soil), In/Sn(aq) = TAL Inorganics + Sn (aqueous)

TR Number: 2-344931618-091608-0017

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

Anchorage
2000 W. International Airport Road
Suite A10
Anchorage, AK 99502
phone 907.563.9200 fax 907.563.9210

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Airbill No. 853410029 6044 1

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: D. Gaughan	Site Contact: D. Gaughan	Date: 9/16/06	COC No:
Your Company Name here: WESTON	Tel/Fax: (732) 417-5800	Lab Contact:	Carrier: FedEx	1 of ____ COCs
Address: 205 Campus Dr.	Analysis Turnaround Time			Job No.
City/State/Zip: Edison / NJ / 08837	Calendar (C) or Work Days (W) ____			
(xxx) xxx-xxxx Phone	TAT if different from Below ____			SDG No.
(xxx) xxx-xxxx FAX	☒ 2 weeks			
Project Name: Raritan Bay Slag	☐ 1 week			
Site:	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample Grain Size	Sample Specific Notes:
RBS-SED53	9/16/06	0915	G	Sed	1	X	
RBS-SED54		0945				X	
RBS-SED55		1056				X	
RBS-SED89		1140				X	
RBS-SED90		1240				X	
RBS-SED70		1450				X	
RBS-SED71		1452				X	
RBS-SED69		1445				X	
RBS-SED72		1457				X	
RBS-SED73		1458				X	
RBS-SED74		1500				X	
						X	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☒

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

1645

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
(Scott Snyder)	WESTON	9/16/06	FedEx	—	9/16/06 1645
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

FedEx Express **US Airbill**

FedEx Tracking Number 8541 0029 6441

0200 **Sender's Copy**

1 From *Please print and press hard.*

Date 9/16/05 Sender's FedEx Account Number 396 7746 823

Sender's Name Scott Snyder Phone (732)417-5600

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.035.010.2064

3 To

Recipient's Name Kirkland Phone (802)660-1990

Company Test America Labs

Recipient's Address 30 Community Dr., Ste 11

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City South Burlington State VT ZIP 05403

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

Questions? Go to our Web site at fedex.com
or call 1.800.GoFedEx 1.800.463.3339.

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation:

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery Available ONLY for** FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] **HOLD Weekday at FedEx Location NOT Available for** FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location Available ONLY for** FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	39	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

520

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Express

FedEx Tracking Number 8541 0029 6496

0200 Sender's Copy

1 From *Please print and press hard.*

Date 9/16/08 Sender's FedEx Account Number 396776823

Sender's Name Scott Snyder Phone (732)417-5600

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. 20401.035.010.2064

3 To

Recipient's Name Beth Whitehead Phone (601)264-2854

Company Banner Analytical

Recipient's Address 2703 Oak Grove Rd

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Hattiesburg State MS ZIP 39402

4a Express Package Service To add SATURDAY Delivery, see Section 6. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight — Next business morning.*
- [ ] FedEx Standard Overnight — Next business afternoon.*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.*
- [ ] FedEx Express Saver — Third business day.*

FedEx Envelope rate not available. Minimum charge: One-pound rate.

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- [ ] FedEx 1Day Freight* — Next business day.**
- [ ] FedEx 2Day Freight — Second business day.**
- [ ] FedEx 3Day Freight — Third business day.**

* Call for Confirmation: _____

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	58	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
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- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

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or call 1.800.GoFedEx 1.800.463.3339.

APPENDIX C

TABLES

Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S01A		RBS-S01B		RBS-S02A		RBS-S02B		RBS-S03A		RBS-S04A		RBS-S04B		RBS-S05A		RBS-S06A		RBS-S07A		RBS-S07B		RBS-S07C		RBS-S09A		RBS-S09B	
EPA Sample No.	MB52W5		MB52W6		MB52W8		MB52W9		MB52X1		MB52X4		MB52X5		MB52X7		MB52Y0		MB52Y1		MB52Y2		MB52Y3		MB52Y7		MB52Y8	
Sample Depth	0-2 in.		6-12 in.		0-2 in.		6-12 in.		0-2 in.		0-2 in.		6-12 in.		0-2 in.		0-2 in.		0-2 in.		6-12 in.		12-18 in.		0-2 in.		6-12 in.	
Comment																	Duplicate of RBS-S05A											
ALUMINUM	3,260	J	2,040	J	2,350	J	1,860	J	943	J	271	J	327	J	690	J	357	J	3,090		7,010		6,410		2,190		2,720	
ANTIMONY	54.4	R	41.5	R	152	R	100	R	37.9	R	6.1	R	6.3	R	6.1	R	7.1	R	815		6.8	U	6.8	U	74.2	J	445	J
ARSENIC	28.1	R	29.9	R	72.8	R	53.9	R	7.4	R	1.2	R	1.6	R	4.7	R	1.9	R	1,520	J	15.4	J	7.5	J	90.7		299	
BARIUM	21.2	UJ	21.4	UJ	106	J	21.2	UJ	23.0	UJ	20.4	UJ	21.0	UJ	20.5	UJ	20.6	UJ	265		67.1		61.9		28.1	J	24.0	J
BERYLLIUM	0.53	U	0.54	U	0.52	U	0.53	U	0.57	U	0.51	U	0.52	U	0.51	U	0.51	U	0.55	U	0.57	U	0.57	U	0.56	U	0.55	U
CADMIUM	0.053	UJ	0.54	UJ	0.52	UJ	0.53	UJ	0.57	UJ	0.51	UJ	0.52	UJ	0.51	UJ	0.51	UJ	14.9	R	3.5	R	0.88	R	0.56	U	2.4	
CALCIUM	680	J	536	UJ	715	J	2,120	J	956	J	510	UJ	528	UJ	512	UJ	514	UJ	2,620		3,350		2,370		17,600		6,470	
CHROMIUM	30.2		24.0		24.8		34.4		19.1		2.0		2.5		8.0		3.3	R	30.8		14.0		13.1		22.1		24.8	
COBALT	5.3	UJ	5.4	UJ	5.2	UJ	5.3	UJ	5.7	UJ	5.1	UJ	5.2	UJ	5.1	UJ	5.1	UJ	17.8		5.7	U	5.7	U	5.6	U	6.3	
COPPER	74.4	J	27.5	J	29.7	J	51.4	J	13.6	J	1.5		2.7	J	6.1	J	9.9	J	2,820		76.6		34.4		87.3		704	
IRON	51,400	J	40,700	J	40,000	J	38,400	J	16,800	J	3,020	J	3,620	J	13,500	J	4,000	J	117,000	J	19,000	J	14,300	J	31,600		59,200	
LEAD	1,600	J	912	J	1,040	J	1,100	J	1,130	J	44.8	J	22.5	J	63.5	J	117	J	54,800		731		172		1,430	J	18,400	J
MAGNESIUM	767	J	536	UJ	657	J	530	UJ	575	UJ	510	UJ	525	UJ	512	UJ	514	UJ	1,760		2,530		2,210		1,080		855	
MANGANESE	123	J	76.9	J	184	J	92.1	J	60.4	J	46.1	J	36.7	J	49.5	J	41.9	J	438	J	354	J	225	J	180		147	
NICKEL	8.4		5.9		8.6		9.2		4.6	U	4.1	U	4.2	U	4.1	U	4.2	U	98.8	J	14.0	J	11.4	J	8.1		34.8	
POTASSIUM	251	J	249	J	355	J	184	J	176	J	41.1		48.5	J	69.7	J	54.7	J	347	J	1,010		887		201	J	180	J
SELENIUM	3.7	UJ	3.8	UJ	3.7	UJ	3.7	UJ	4.0	UJ	3.6	J	3.7	UJ	3.6	UJ	3.6	UJ	3.9	UJ	4.0	UJ	4.0	UJ	0.96	J	1.7	J
SILVER	1.1	U	1.1	U	1.0	U	0.29	J	0.3	J	0.11		0.18	J	0.19	J	0.12	J	1.3	J	0.41	J	0.27	J	0.38	J	0.88	J
SODIUM	558	J	536	UJ	523	UJ	530	UJ	951	J	510	UJ	525	UJ	512	UJ	514	UJ	1,410		1,370		1,100		671		553	U
THALLIUM	2.6	U	2.7	U	2.6	U	2.7	U	2.9	U	2.5		2.6	U	2.6	U	2.6	U	2.8	UJ	2.8	UJ	2.8	UJ	2.8	U	2.8	U
VANADIUM	91.2	J	47.1	J	39.3	J	37.3	J	16.3	J	5.1	J	5.6	J	14.4	J	5.8	J	25.1		22.2		20.1		39.1		47.1	
ZINC	112	J	56.4	J	83.4	J	68.7	J	50.5	J	8.7	UJ	8.8	J	21.0	J	10.3	J	1,260	J	664	J	232	J	113		219	
TIN	55.7	J	23.8	J	40.4	J	100	J	28.0	J	15.8	J	10.5	UJ	10.2	UJ	10.3	UJ	824		11.4	U	11.4	U	66.9		377	

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value

Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S09C		RBS-S10A		RBS-S10B		RBS-S10C		RBS-S11		RBS-S12		RBS-S13		RBS-S14		RBS-S15		RBS-S16		RBS-S17		RBS-S18		RBS-S19		RBS-S20		RBS-S21	
EPA Sample No.	MB52Y9		MB52Z0		MB52Z1		MB52Z2		MB52Z3		MB52Z4		MB52Z5		MB52Z6		MB52Z7		MB52Z8		MB52Z9		MB5300		MB5301		MB5302		MB5303	
Sample Depth	12-18 in.		0-2 in.		6-12 in.		12-18 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.	
Comment											Duplicate of RBS-S11																				
ALUMINUM	4,120		1,200		2,250		1,950		1,260		1,180		677		1,560		1,410		1,610		505		1,960		1,210		985		626	
ANTIMONY	832	J	44.5	J	18.3	J	34.3	J	2.7	J	2.6	J	14.2	J	42.7	J	16.8	J	1.7	J	7.3	J	45.2	J	5.4	J	2.7	J	38.3	J
ARSENIC	602		43.8		20.0		29.0		3.5		3.2		12.5		32.8		15.0		3.3		8.0		41.8		8.6		4.6		30.4	
BARIUM	284	J	21.5	UJ	35.9	J	148	J	21.9	UJ	21.9	UJ	27.8	UJ	20.8	UJ	34.1	J	21.7	UJ	20.5	UJ	20.7	UJ	20.9	UJ	20.9	UJ	20.6	UJ
BERYLLIUM	0.66		0.54	U	0.55	U	0.54	U	0.55	U	0.55	U	0.7	U	0.52	U	0.53	U	0.54	U	0.51	U	0.52	U	0.52	U	0.52	U	0.52	U
CADMIUM	1.7		0.54	U	0.55	U	0.54	U	0.55	U	0.55	U	0.7	U	0.52	U	0.53	U	0.54	U	0.51	U	0.52	U	0.52	U	0.52	U	0.52	U
CALCIUM	8,520		537	U	575		1,210		547	U	548	U	696	U	879		527	U	543	U	513	U	4,200		523	U	1,100		515	U
CHROMIUM	28.8		5.4		14.9		9.2		4.6		4.4		4.7		11.4		6.4		4.7		3.9		14.8		7.1		4.9		6.9	
COBALT	5.7	U	5.4	U	5.5	U	5.4	U	5.5	U	5.5	U	7	U	5.2	U	5.3	U	5.4	U	5.1	U	5.2	U	5.2	U	5.2	U	5.2	U
COPPER	563		114		27.1		58.2		7.8		7.1		13.3		62.7		44.6		12.1		8.3		53.9		11.0		5.2		27.4	
IRON	69,300		8,990		19,400		18,000		6,300		4,740		7,760		21,100		9,820		5,460		5,690		35,400		12,100		10,000		10,300	
LEAD	23,800	J	1,110	J	649	J	1,250	J	118	J	102	J	356	J	1,290	J	688	J	80.5	J	211	J	1,630	J	219	J	121	J	994	J
MAGNESIUM	1150		189	J	601		418	J	255	J	359	J	199	J	253	J	181	J	584		138	J	406	J	223	J	254	J	169	J
MANGANESE	398		26.0	J	45.7		143		19.8	J	18.0	J	26.2	J	58.6		44.3		54.4		24.3	J	115		25.9		27.6		46.6	
NICKEL	46.6		4.3	U	6.6		5.5		4.4	U	4.4	U	5.6	U	5.9		4.4		4.3	U	4.1	U	5.9		4.2	U	4.2	U	4.5	
POTASSIUM	427	J	195	J	495	J	351	J	224	J	180	J	112	J	175	J	207	J	211	J	67.4	J	162	J	301	J	238	J	83.9	J
SELENIUM	2	J	0.62	U	0.69	J	0.81	J	3.8	U	3.8	U	4.9	U	0.76	J	0.52	J	3.8	U	0.35	J	0.61	J	0.55	J	0.39	J	0.46	J
SILVER	1.2	J	1.1	UJ	0.17	J	0.14	J	1.1	UJ	1.1	UJ	1.4	UJ	0.21	J	0.22	J	1.1	UJ	1.0	UJ	0.24	J	0.086	J	1.0	UJ	0.11	J
SODIUM	1,320		537	U	548	U	540	U	547	U	548	U	696	U	520	U	527	U	543	U	513	U	516	U	523	U	522	U	515	U
THALLIUM	2.8	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	3.5	U	2.6	U	2.6	U	2.7	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
VANADIUM	49.6		10.7		17.6		13.2		9.2		8.1		10.5		22.7		10.5		9.8		7.4		40.4		15.7		11.7		11.9	
ZINC	463		35.9		56.1		151		12.9		10.7		25.0		61.7		52.5		10.4		18.3		71.7		14.2		16.0		39.8	
TIN	501		36.6		25.6		90.8		10.9	U	10.9	U	16.9		54.7		41.6		10.9	U	10.3	U	25.6		10.5	U	10.4	U	51.1	

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
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Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S22		RBS-S23		RBS-S24		RBS-S25		RBS-S27		RBS-S28		RBS-S29		RBS-S30		RBS-S31		RBS-S32		RBS-S33		RBS-S34		RBS-S35		RBS-S36		RBS-S37	
EPA Sample No.	MB5304		MB5305		MB5306		MB5307		MB5309		MB5310		MB5311		MB5312		MB5313		MB5314		MB5315		MB5316		MB5317		MB5318		MB5319	
Sample Depth	0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.	
Comment							Duplicate of RBS-S24																							
ALUMINUM	679		1,140		1,250		1,270	J	1,150	J	1,060	J	3,190	J	2,470	J	748	J	1,310	J	820	J	1,650	J	2,070	J	577	J	956	J
ANTIMONY	23.4	J	0.77	J	2.3	J	6.3	R	15.4	R	8.1	R	13.0	R	8.5	R	3.6	R	7.7	R	9.8	R	14.4	R	5.1	R	3.9	R	6.1	UJ
ARSENIC	19.6		3.6		5.0		5.4	R	14.5	R	10.4	R	37.5	R	13.8	R	4.5	R	10.3	R	9.4	R	35.4	R	11.3	R	4.7	R	9.2	
BARIUM	20.4	UJ	21.1	UJ	20.9	UJ	21	UJ	39.4	J	20.8	UJ	45.2	UJ	47.3	J	25.5	UJ	26.4	UJ	22.3	J	23.7	UJ	24.4	UJ	20.8	UJ	20.3	UJ
BERYLLIUM	0.51	U	0.53	U	0.52	U	0.53	U	0.53	U	0.52	U	1.1	UJ	0.71	U	0.64	U	0.66	U	0.52	U	0.59	U	0.61	U	0.52	U	0.51	U
CADMIUM	0.51	U	0.53	U	0.52	U	0.53	UJ	0.53	UJ	0.52	UJ	1.1	UJ	0.71	UJ	0.64	UJ	0.66	UJ	0.52	UJ	0.59	UJ	0.61	UJ	0.52	UJ	0.51	U
CALCIUM	32,800		954		3,820		2,130	J	1,640	J	546	J	10,400	J	8,940		875	J	1,610	J	758	J	9,130		4,530		519	UJ	187	J
CHROMIUM	4.0		4.5		5.6	J	8.2	J	6.1		7.7		42.1	J	19.5		4.0		9.2		5.6		17.9		10.2		3.2		14.5	
COBALT	5.1	U	5.3	U	5.2	U	5.3	UJ	5.3	UJ	5.2	UJ	11.3	UJ	7.1	UJ	6.4	UJ	6.6	UJ	5.2	UJ	5.9	UJ	6.1	UJ	5.2	UJ	5.1	U
COPPER	29.3		2.8		4.2		3.2	J	16.6	J	10.3	J	75.7	J	26.1	J	8.6	J	8.4	J	9.4	J	26.4	J	14.9	J	4.2	J	15.0	
IRON	5,840		4,370		5,530	J	8,850	J	9,200	J	15,500	J	23,200	J	24,000	J	5,330	J	11,300	J	7,940	J	22,900	J	17,100	J	5,630	J	15,800	
LEAD	413	J	63.6	J	66	J	57.9	J	459	J	235	J	935	J	365	J	111	J	215	J	217	J	285	J	190	J	109	J	50.6	J
MAGNESIUM	255	J	503	J	690		590	J	527	UJ	520	UJ	4,130	J	1,590	J	638	UJ	660	UJ	520	UJ	1,150	J	770	J	519	UJ	148	J
MANGANESE	28.0		26.2		92.3	J	31.0	J	75.4	J	42.7	J	216	J	87.2	J	15.2	J	20.6	J	38.1	J	119	J	47.4	J	29.7	J	25.9	
NICKEL	4.1	U	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U	10.7	J	5.7	U	5.1	U	5.3	U	4.2	U	4.7	U	4.9	U	4.2	U	2.1	J
POTASSIUM	176	J	416	J	458	J	546		281	J	190	J	1,130	J	423	J	343	J	351	J	170	J	301	J	346	J	159	J	139	J
SELENIUM	0.74	J	3.7	U	0.38	J	3.7	UJ	3.7	UJ	0.76	J	2.4	J	1.2	J	4.5	UJ	0.65	J	0.41	J	0.96	J	0.97	J	0.43	J	3.5	U
SILVER	1.0	UJ	1.1	UJ	1.0	UJ	0.14	J	1.0	U	1	U	2.3	UJ	1.4	U	1.3	U	1.3	U	1.0	U	1.2	U	1.2	U	1.0	U	0.14	J
SODIUM	511	U	527	U	524	U	526	UJ	527	UJ	520	UJ	8,610	J	2,240	J	1,910	J	2,140	J	520	UJ	592	UJ	1,690	J	519	UJ	11.5	J
THALLIUM	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	5.6	UJ	3.5	U	3.2	U	3.3	U	2.6	U	3.0	U	3.0	U	2.6	U	2.5	U
VANADIUM	6.6		5.7		6.6		9.2	J	10.5	J	18.7	J	42.4	UJ	34.3	J	8.1	J	20.7	J	11.5	J	32.8	UJ	27.7	J	9.6	J	22.1	
ZINC	22.4		8.9		13.1		13.2	J	42.2	J	29.6	J	173	J	53.7	J	18.4	J	34.2	J	30.4	J	66	J	63.2	J	18.0	J	17.1	J
TIN	18.8		10.5	U	10.5	U	10.5	UJ	23.5	J	13.2	J	22.6	J	17.7	J	12.8	UJ	13.2	UJ	12.1	J	11.8	UJ	12.2	UJ	10.4	UJ	10.1	U

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
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Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S38		RBS-S39		RBS-S40		RBS-S41		RBS-S42		RBS-S43		RBS-S44		RBS-S45		RBS-S46		RBS-S47		RBS-S48		RBS-S49		RBS-S50		RBS-S51		RBS-S52	
EPA Sample No.	MB5320		MB5321		MB5322		MB5323		MB5324		MB5325		MB5326		MB5327		MB5328		MB5329		MB5330		MB5331		MB5332		MB5333		MB5334	
Sample Depth	0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.	
Comment																														
ALUMINUM	960	J	571	J	645	J	780	J	1,110	J	929	J	1,030	J	1,270	J	993	J	1,020	J	1,050	J	1,090	J	1,120	J	1,570	J	1,200	J
ANTIMONY	6.1	UJ	6.0	UJ	6.0	UJ	6.0	UJ	6.1	UJ	6.1	UJ	6.0	UJ	6.2	UJ	6.5	UJ	6.5	UJ	6.3	UJ	6.2	UJ	6.2	UJ	6.1	UJ	6.0	UJ
ARSENIC	3.5		2.1		2.4		3.6		3.6		2.1		2.3		4.2		2.2		2.3		2.4		1.9		3.0		2.0		4.1	
BARIUM	20.2	UJ	20.1	UJ	20.1	UJ	20	UJ	20.3	UJ	20.3	UJ	20.0	UJ	20.6	UJ	21.8	UJ	21.8	UJ	21.1	UJ	20.7	UJ	20.7	UJ	20.2	UJ	20.1	UJ
BERYLLIUM	0.51	U	0.5	U	0.5	U	0.5	U	0.51	U	0.51	U	0.5	U	0.51	U	0.55	U	0.54	U	0.53	U	0.52	U	0.52	U	0.5	U	0.5	U
CADMIUM	0.51	U	0.5	U	0.5	U	0.5	U	0.51	U	0.51	U	0.5	U	0.51	U	0.55	U	0.54	U	0.53	U	0.52	U	0.52	U	0.5	U	0.5	U
CALCIUM	60.1	J	40.9	J	209	J	197	J	468	J	610		687		740		376	J	1,450		2,060		6,810		6,350		3,260		4,250	
CHROMIUM	12.9		7.0		4.9		8.6		9.8		5.4		7.5		7.0		6.0		3.7		4.0		3.5		6.2		5.4		6.6	
COBALT	5.1	U	5.0	U	5.0	U	5.0	U	5.1	U	5.1	U	5	U	5.1	U	5.5	U	5.4	U	5.3	U	5.2	U	5.2	U	5.0	U	5.0	U
COPPER	4.4		1.8	J	1.9	J	4.1		7.3		2.2	J	0.91	J	1.1	J	0.7	J	0.79	J	1.5	J	1.1	J	2.6		2.0	J	2.0	J
IRON	15,000		9,240		7,150		12,700		16,200		7,420		6,030		6,730		6,750		6,550		8,320		6,650		11,900		8,210		18,400	J
LEAD	28.3	J	13.6	J	29.1	J	55.3	J	94.1	J	12.9	J	3.8	J	4.9	J	2.2	J	1.7	J	2.0	J	2.0	J	2.2	J	11.6	J	3.8	J
MAGNESIUM	120	J	72.1	J	205	J	152	J	213	J	410	J	493	J	641		527	J	499	J	582		621		579		795		682	
MANGANESE	19.0		10.2		23.7		21.8		32.0		26.0		26.5		30.2		52.5		41.8		49.0		43.4		44.1		42.6		54.7	
NICKEL	1.3	J	0.59	J	0.98	J	1.4	J	2.0	J	1.9	J	2.1	J	2.6	J	2.6	J	2.6	J	2.6	J	1.8	J	1.6	J	3.0	J	2.4	J
POTASSIUM	128	J	107	J	192	J	133	J	126	J	347	J	476	J	646		376	J	267	J	283	J	330	J	140	J	567		216	J
SELENIUM	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	3.6	U	0.63	J	3.6	U	0.74	J	3.8	U	3.7	U	3.6	U	3.6	U	3.5	U	3.5	U
SILVER	1.0	UJ	1.0	UJ	1.0	UJ	1.0	UJ	1.0	UJ	1.0	UJ	1.0	UJ	1.0	UJ	1.1	UJ	1.1	UJ	0.26	J	1.0	UJ	0.18	J	0.18	J	0.19	J
SODIUM	6.9	J	6.4	J	35.6	J	16.5	J	29.6	J	18.8	J	25.4	J	23.3	J	667		539	J	486	J	380	J	336	J	312	J	82.8	J
THALLIUM	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.6	U	2.7	U	2.7	U	2.6	U	2.6	U	2.6	U	2.5	U	2.5	U
VANADIUM	21.0		15.4		10.6		18.1		15.4		9.5		8.7		9.1		8.2		6.3		10.6		6.7		16.4		10.2		19.7	J
ZINC	16.5	J	7.8	J	11.7	J	15.4	J	31.3	J	10.5	J	8.0	J	9.5	J	9.6	J	7.6	J	9.0	J	9.0	J	9.8	J	14.4	J	12.5	J
TIN	10.1	U	10.1	U	10.1	U	10	U	10.2	U	10.2	U	10.0	U	10.3	U	10.9	U	10.9	U	10.6	U	10.4	U	10.3	U	10.1	U	10.1	U

All results in milligrams per kilogram (mg/kg)
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Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S53	RBS-S54	RBS-S55	RBS-S56	RBS-S57	RBS-S58	RBS-S59A	RBS-S59B	RBS-S60A	RBS-S61	RBS-S62	RBS-S63	RBS-S64	RBS-S65	RBS-S66
EPA Sample No.	MB5335	MB5336	MB5337	MB5338	MB5339	MB5340	MB5341	MB5342	MB5344	MB5347	MB5348	MB5349	MB5350	MB5351	MB5352
Sample Depth	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	6-12 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.
Comment	Duplicate of RBS-S52														
ALUMINUM	845 J	998 R	846 R	855 R	897 R	850 R	1,500	5,340	3,830	3,760 J	3,410 J	2,120 J	1,030 J	7,060 J	3,890 J
ANTIMONY	6.0 UJ	7.0 U	6.3 U	6.3 U	6.3 U	6.8 U	67.5	419	616	6.8 U	7.0 U	120	41.0	6.7 UJ	7.1 UJ
ARSENIC	2.5	1.8 R	3.0 R	5.4 R	2.5 R	2.2 R	103 J	228 J	198 J	34.8	5.8	48.3	17.6	4.5	3.8
BARIUM	20.2 UJ	1.6 J	1.1 J	1.6 J	1.9 J	0.91 J	75.0	79.0	573	46.7 J	23.4 UJ	70.9 J	22.1 UJ	25.3 J	18.7 J
BERYLLIUM	0.5 U	0.58 U	0.52 U	0.53 U	0.52 U	0.56 U	0.67 U	0.67 U	0.62 U	0.56 U	0.58 U	0.56 U	0.55 U	0.43 J	0.052 J
CADMIUM	0.5 U	0.58 U	0.52 U	0.53 U	0.52 U	0.56 U	0.67 R	1.2 R	1.2 R	0.56 U	0.58 U	1.7	0.55 U	0.33 J	0.02 J
CALCIUM	1,990 R	6,210 J	3,300 J	7,460 J	368 J	1,080 J	1,290	3,280	4,640	589	2,350	561 U	554 U	1,500 J	3,860 J
CHROMIUM	5.6	13.2	6.1	4.4	6.2	12.5	11.4	20.3	30.2	8.3	37.3	9.4	4.9	11.1 J	10.0 J
COBALT	5.0 U	1.2 J	1.2 J	1.2 J	0.97 J	1.1 J	6.7 U	8.2	6.2 U	5.6 U	5.8 U	5.6 U	5.5 U	3.1 J	1.3 J
COPPER	0.99 J	1.0 R	1.4 R	2.0 R	1.3 R	1.4 R	183	489	340	131 J	61.1 J	186 J	16.7 J	22.3 J	12 J
IRON	6,840 J	4,320	10,400	11,900	6,080	9,510	15,700 J	32,200 J	49,200 J	13,300	15,800	14,700	6,580	13,300 J	11,300 J
LEAD	3.2 J	1.8	2.9	3.2	3.6	4.4	2,390	21,500	14,200	97.8 J	62.9 J	10,200 J	824 J	29.8 J	30.3 J
MAGNESIUM	469 J	563 J	431 J	484 J	504 J	445 J	975	4,550	1,360	247 J	1,570	176 J	76.9 J	2,040 J	933 J
MANGANESE	40.4	45.9 R	64.6 R	63.9 R	51.2 R	37.8 R	130 J	332 J	896 J	22.1	82.8	52.5	11.1	166 J	58.2 J
NICKEL	1.8 J	4.4 J	1.9 J	2.3 J	1.8 J	2.7 J	9.9 J	21.8 J	21.9 J	8.1	5.4	14.8	4.4 U	12.6 J	3.5 J
POTASSIUM	231 J	208 J	153 J	183 J	363 J	192 J	306 J	855	866	412 J	352 J	458 J	228 J	879 J	491 J
SELENIUM	3.5 U	4.1 UJ	0.58 J	0.54 J	3.7 UJ	0.41 J	0.85 J	1.8 J	1.5 J	4.0 U	4.1 U	3.9 U	3.9 U	0.81 J	0.93 J
SILVER	1.0 UJ	1.2 U	1.0 U	1.1 U	1.0 U	1.1 U	0.26 J	0.63 J	0.65 J	1.1 J	0.15 J	0.46 J	1.1 U	1.1 UJ	0.16 J
SODIUM	44.9 J	1,080 J	426 J	459 J	388 J	818 J	2,530	2,410	1,510	564 U	585 U	561 U	554 U	816 J	588 UJ
THALLIUM	2.5 U	2.9 UJ	2.6 UJ	2.6 UJ	2.6 UJ	2.8 UJ	3.4 UJ	3.3 UJ	3.1 UJ	2.8 U	2.9 U	2.8 U	2.8 U	2.8 U	2.9 U
VANADIUM	7.4 J	5.8 UJ	11.1 J	11.8 J	7.5 J	11.7 J	16.5	36.2	37.2	41.7	25.4	19.0	8.0	22.1 J	18.4 J
ZINC	8.5 J	7.7 J	10.3 J	11.0 J	9.3 J	15 J	113 J	266 J	1,670 J	20.8	50.9	63.2	10.3	37.9 J	29.0 J
TIN	10.1 U	11.7 UJ	10.5 UJ	10.6 UJ	10.4 UJ	11.3 UJ	47.3	207	335	11.3 U	11.7 U	313	28.1	11.1 UJ	11.8 UJ

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R - Unusable value

Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S67	RBS-S68	RBS-S69	RBS-S70	RBS-S71	RBS-S72	RBS-S73	RBS-S74	RBS-S75	RBS-S76	RBS-S77	RBS-S78	RBS-S79	RBS-S80	RBS-S81
EPA Sample No.	MB5353	MB5354	MB5355	MB5356	MB5357	MB5358	MB5359	MB5360	MB5361	MB5362	MB5363	MB5364	MB5365	MB5366	MB5367
Sample Depth	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.
Comment						Duplicate of RBS-71						Duplicate of RBS-77			
ALUMINUM	5,770 J	4,900 J	5,160 J	890	930 J	1,130 J	863 J	1,740 J	378 J	760 J	2,800	2,690	6,070	4,720	6,980
ANTIMONY	0.42 J	0.36 J	7.4 UJ	6.7 UJ	21.5 UJ	22.1 UJ	26.9 UJ	30.5 UJ	21.7 UJ	23.6 UJ	7.1 UJ	7.2 UJ	8.3 UJ	6.7 UJ	8.5 UJ
ARSENIC	2.9	7.2	5.8	1.9	0.84 J	1.3 J	1.5 J	5.1 UJ	3.6 UJ	3.9 UJ	5.3	4.5	8.7	8.7	11.4
BARIUM	43.9 J	26.3 J	28.3 J	22.2 U	71.7 UJ	73.5 UJ	89.7 UJ	102 UJ	72.2 UJ	78.7 UJ	23.8 U	24.0 U	38.7	22.4 U	30.3
BERYLLIUM	0.05 J	0.29 J	0.3 J	0.55 U	1.8 UJ	1.8 UJ	2.2 UJ	2.5 UJ	1.8 UJ	2.0 UJ	0.59 U	0.6 U	0.69 U	0.63	0.71 U
CADMIUM	0.19 J	0.53 UJ	0.62 UJ	0.55 U	1.8 UJ	1.8 UJ	2.2 UJ	2.5 UJ	1.8 UJ	2.4 J	0.59 U	0.6 U	0.69 U	0.56 U	0.71 U
CALCIUM	6,490 J	879 J	1,310 J	555 U	9,890 J	10,600 J	8,530 J	8,370 J	10,900 J	9,570 J	634	708	1,910	478 J	1,900
CHROMIUM	16.4 J	19.2 J	15.5 J	3.6	5.0 J	5.7 J	5.5 J	5.1 UJ	3.6 UJ	3.9 UJ	12.5	8.8	17.0	22.1	22.5
COBALT	2.5 J	1.9 J	2.9 J	5.5 U	17.9 UJ	18.4 UJ	22.4 UJ	25.4 UJ	18.1 UJ	19.7 UJ	5.9 U	6.0 U	6.9 U	6.7	7.1 U
COPPER	29.8 J	14.0 J	13.9 J	3.9	16.1 J	15.7 J	16.5 J	13.8 J	9.0 J	14.5 J	10.1	10.3	18.3	4.6	23.1
IRON	9,520 J	19,600 J	17,500 J	4,050	3,260 J	4,310 J	3,100 J	3,630 J	2,600 J	2,290 J	14,500 J	9,660 J	14,400	28,400	20,600
LEAD	49.3 J	31.5 J	28.4 J	47.2 J	34.3 J	37.2 J	23.7 J	24.8 J	8.9 J	33.7 J	34.5 J	32.8 J	29.5 J	11.1 J	26.1 J
MAGNESIUM	1,740 J	904 J	1,120 J	118 J	888 J	807 J	683 J	718 J	557 J	729 J	405 J	398 J	1,340	540 J	1,270
MANGANESE	162 J	52.1 J	78.4 J	12.4 J	319 J	357 J	361 J	196 J	319 J	358 J	43.6 J	45.2 J	211 J	206 J	96.5 J
NICKEL	9.0 J	5.0 J	6.1 J	0.64 J	2.9 J	2.9 J	1.9 J	2.1 J	1.2 J	2.3 J	2.1 J	2.1 J	5.9	2.8 J	8.2
POTASSIUM	707 J	822 J	862 J	179 J	513 J	542 J	532 J	535 J	475 J	505 J	425 J	400 J	707	941	1,240
SELENIUM	0.87 J	0.95 J	0.93 J	0.52 J	1.4 J	1.9 J	1.6 J	2.1 J	1.5 J	2.1 J	0.71 J	0.77 J	1.1 J	1.2 J	1.2 J
SILVER	0.67 J	1.1 UJ	1.2 UJ	1.1 U	3.6 UJ	3.7 UJ	4.5 UJ	5.1 UJ	3.6 UJ	3.9 UJ	1.2 U	1.2 U	1.4 U	1.1 U	1.4 U
SODIUM	635 UJ	526 UJ	617 UJ	8.8 J	124 J	117 J	111 J	129 J	100 J	129 J	17.5 J	21.4 J	44.9 J	22.0 J	53.9 J
THALLIUM	3.2 U	2.6 U	3.1 U	2.8 U	9.0 UJ	9.2 UJ	11.2 UJ	12.7 UJ	9.0 UJ	9.8 UJ	3.0 U	3.0 U	3.4 U	2.8 U	3.6 U
VANADIUM	20.1 J	28.4 J	28.3 J	6.8	17.9 UJ	18.4 UJ	22.4 UJ	25.4 UJ	18.1 UJ	19.7 UJ	19	16.6	24.5	32.2	44.8
ZINC	60.3 J	25.6 J	5,160 J	8.3 J	64.4 J	69.3 J	56.5 J	50.2 J	126 J	59.3 J	19.9 J	19.5 J	49.7 J	27.2 J	102 J
TIN	12.7 UJ	10.5 UJ	12.3 UJ	11.1 U	35.8 UJ	36.8 UJ	44.8 UJ	50.8 UJ	36.1 UJ	39.4 UJ	11.9 U	12.0 U	13.8 U	11.2 U	14.2 U

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value

Table 1
Inorganic Analytical Results-Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S82	RBS-S83	RBS-S84	RBS-S85	RBS-S86	RBS-S87	RBS-S88	RBS-S89	RBS-S90	RBS-S92	RBS-S93	RBS-S94	RBS-S95	RBS-S96	RBS-S97	RBS-S98
EPA Sample No.	MB5368	MB5369	MB5370	MB5371	MB5372	MB5373	MB53M1	MB53M2	MB53M6	MB53M7	MB53M8	MB53N2	MB53N3	MB53N1	MB53N4	MB53N5
Sample Depth	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.	0-2 in.
Comment																
ALUMINUM	5,290	7,040	6,660	4,860	7,730	8,070	743 J	1,060 J	790 R	479	187	3,920	2,600	8,430	5,070	13,400
ANTIMONY	7 UJ	7.5 UJ	7.4 UJ	8.8 UJ	6.6 UJ	7.2 UJ	6.2 UJ	6.1 UJ	6.7 U	7.9 J	6.9 UJ	23.5	10.7	1,870	1,910	3,120
ARSENIC	9.5	6.5	9.1	144	5.0	7.8	3.7	2.4	1.3 R	6.1	0.76 J	30.6 J	19.3 J	1,150 J	797 J	2,470 J
BARIUM	23.2 U	32.4	24.7 U	64.3	49.6	24.0 U	20.6 UJ	20.3 UJ	22.3 UJ	20.1 UJ	23.0 UJ	35.9	54.2	970	671	961
BERYLLIUM	0.93	0.62 U	0.62 U	0.74 U	0.67	0.6 U	0.51 U	0.51 U	0.56 U	0.5 U	0.58 U	0.54	0.52 U	0.55 U	0.54 U	0.53 U
CADMIUM	0.6 U	0.62 U	0.62 U	0.74 U	0.55 U	0.6 U	0.51 U	0.51 U	0.56 U	0.5 U	0.58 U	0.53 R	0.52 R	4.7 R	54.0 R	38.3 R
CALCIUM	770	1,690	1,140	3,150	1,050	930	402 J	675	959 J	503 UJ	575 UJ	7,910	3,330	7,180	4,960	10,800
CHROMIUM	53.8	19.3	22.5	19.1	12.8	19.9	4.3	4.8	2.9	5.3	2.1	71.7	38.9	50.6	29.6	38.6
COBALT	11.3	6.2 U	6.2 U	7.4 U	5.5 U	6.0 U	5.1 U	5.1 U	5.6 U	5.0 U	5.8 U	5.1 U	5.2 U	6.9	14.4	24.1
COPPER	7.2	19.1	9.1	23.2	9.3	8.8	1.6 J	1.2 J	1.6 R	4.9	1.3 J	315	175	1570	1,850	4,630
IRON	43,700	16,300	17,100	25,500	18,200	19,400	10,400	8,920	4,220	7,930	2,280	32,600 J	33,100 J	118,000 J	57,900 J	183,000 J
LEAD	9.2 J	27.3 J	11.6 J	24.7 J	17.4 J	12.1 J	3.5 J	16.0 J	4.4	50.4 J	11.4 J	969	231	65,600	198,000	83,800
MAGNESIUM	540 J	1,260	615 J	1,210	1,220	789	276 J	561	477 J	77.0 J	53.5 J	1240	1,040	1,510	1,820	1,900
MANGANESE	231 J	147 J	117 J	940 J	380 J	77 J	28.4	68.7	49.3 R	28.0	41.3	126 J	138 J	870 J	695 J	1,420 J
NICKEL	4.1 J	7.1	3.7 J	5.4 J	8.0	3.8 J	0.99 J	2.2 J	2.0 J	4.0 U	4.6 U	8.6 J	5.3 J	54.9 J	174 J	268 J
POTASSIUM	805	842	699	750	761	810	179 J	293 J	245 J	49 J	31.8 J	357 J	231 J	938	502 J	1,440
SELENIUM	1.2 J	1.1 J	1.1 J	1.8 J	1.1 J	1.0 J	3.6 U	3.6 U	0.37 J	0.61 J	0.46 J	3.6 UJ	3.6 UJ	3.8 UJ	4.5 J	0.5 J
SILVER	1.2 U	1.2 U	1.2 U	1.5 U	1.1 U	1.2 U	1.0 UJ	1.0 UJ	1.1 U	1.0 U	1.2 U	0.17 J	0.19 J	4.5 J	3.8 J	3.3 J
SODIUM	23.1 J	48.8 J	26.3 J	41.3 J	57.6 J	28.6 J	22.5 J	231 J	958 J	6.2 J	74.0 J	172 J	96.4 J	4,050	1,940	6,220
THALLIUM	2.9 U	3.1 U	3.1 U	3.7 U	2.7 U	3.0 U	2.6 U	2.5 U	2.8 UJ	2.5 U	2.9 U	2.6 UJ	2.6 UJ	2.7 UJ	1.7 J	2.6 UJ
VANADIUM	48.4	25.8	27.3	24.8	27.9	31.9	14.3	9.4	5.2 J	10.0	5.8 U	67.2	43.9	64.1	26.8	62.5
ZINC	42.2 J	71.8 J	26.4 J	62.5 J	40.1 J	23.3 J	7.7 J	12.1 J	7.9 J	19.3	6.9 U	115 J	103 J	834 J	1,490 J	2,700 J
TIN	11.6 U	12.4 U	12.3 U	14.7 U	10.9 U	12.0 U	10.3 U	10.2 U	11.1 UJ	10.1 U	11.5 U	20.2	10.7	1,900	1,310	3,580

All results in milligrams per kilogram (mg/kg)
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Table 2
Inorganic Analytical Results-Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SED01		RBS-SED02		RBS-SED03		RBS-SED04		RBS-SED05		RBS-SED06		RBS-SED07		RBS-SED08		RBS-SED09		RBS-SED10		RBS-SED11		RBS-SED12		RBS-SED13	
EPA Sample No.	MB5374		MB5375		MB5376		MB5377		MB5378		MB5379		MB5380		MB5381		MB5382		MB5383		MB5384		MB5385		MB5386	
Sample Depth	0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.	
Comment			Duplicate of RBS-SED01																							
ALUMINUM	607	J	318	J	1,380	J	1,020	J	2,350	J	2,500	J	3,930	R	681	R	1,010	R	1,070	R	1,500	R	1,050	R	509	J
ANTIMONY	7.4	U	7.5	U	7.7	U	8.1	U	8.1	U	8.0	U	232	R	20.9	R	15.1	R	7.6	R	15.1	R	26	R	7.5	U
ARSENIC	3.0		1.3		3.9		4.2		10.5		11.5		157	R	22.7	R	17.1	R	9.5	R	12.5	R	29.4	R	2.9	
BARIUM	24.6	UJ	24.8	UJ	25.6	UJ	26.9	UJ	27.0	UJ	26.5	UJ	42.4	J	18.3	J	2.1	J	5.0	J	12.3	J	5.1	J	24.9	UJ
BERYLLIUM	0.62	U	0.62	U	0.64	U	0.67	U	0.68	U	0.66	U	0.76		0.65	U	0.61	U	0.62	U	0.71	U	0.6	U	0.62	U
CADMIUM	0.62	U	0.62	U	0.64	U	0.67	U	0.68	U	0.66	U	0.96		0.21	J	0.093	J	0.17	J	0.17	J	0.25	J	0.62	U
CALCIUM	616	U	621	U	639	U	1700		676	U	3,800		1,010	J	2,810	J	484	J	5,550	J	3,120	J	2,740	J	622	U
CHROMIUM	5.9	J	2.1	J	11.4		6.3		15.9		20.6		57.0		7.1		17.3		7.4		8.1		10.4		4.0	
COBALT	6.2	U	6.2	U	6.4	U	6.7	U	6.8	U	6.6	U	3.7	J	0.72	J	0.97	J	1.4	J	1.0	J	1.2	J	6.2	U
COPPER	2.1	J	1.4	J	7.5	J	7.4	J	15.1	J	22.9	J	248	R	24.0	R	31.1	R	18.1	R	51.7	R	31.8	R	2.3	J
IRON	9,420	J	3,180	J	12,100		10,500		23,000		28,500		96,100		10,400		19,500		7,650		13,700		14,300		6,990	
LEAD	9.2	J	7.3	J	37.6	J	60.9	J	135	J	252	J	5,860		861		403		326		441		660		11.5	J
MAGNESIUM	271	J	224	J	639	U	672	U	716		907		991		455	J	453	J	728		660	J	426	J	622	U
MANGANESE	16.7		6.1	R	60.8		41.3		56.0		87.3		174	R	48.5	R	65.9	R	51.7	R	29.5	R	23.4	R	12.9	
NICKEL	4.9	U	5.0	U	5.1	U	5.4	U	5.4	U	5.3	U	18.4		3.0	J	2.7	J	3.2	J	4.4	J	5.8		5.0	U
POTASSIUM	129	J	117	J	262	J	262	J	429	J	472	J	259	J	172	J	150	J	283	J	298	J	168	J	102	J
SELENIUM	4.3	U	4.3	U	4.5	U	4.7	U	4.7	U	4.6	U	1.1	J	0.6	J	0.85	J	0.63	J	0.94	J	0.78	J	4.4	U
SILVER	1.2	U	1.2	U	1.3	U	1.3	U	0.17	J	0.43	J	0.24	J	1.3	U	1.2	U	1.2	U	1.4	U	1.2	U	1.2	U
SODIUM	1,320		1,250		1,620		2,050		1,850		2,390		1,070	J	2,270	J	1,500	J	2,490	J	3,030	J	1,310	J	753	
THALLIUM	3.1	U	3.1	U	3.2	U	3.4	U	3.4	U	3.3	U	2.8	UJ	3.2	UJ	3.1	UJ	3.1	UJ	3.5	UJ	3.0	UJ	3.1	U
VANADIUM	11.0		6.2	U	15.8		16.9		77.8		33.1		71.0	J	11.7	J	26.8	J	11.0	J	18.3	J	20.4	J	9.3	
ZINC	16.4		9.2		22.0		30.9		65.8		75.0		242	J	46.3	J	47.0	J	41.1	J	53.8	J	54.9	J	15.0	
TIN	12.3	U	12.4	U	12.8	U	13.4	U	13.5	U	13.3	U	127	J	38.6	J	14.5	J	12.4	UJ	47.8	J	53.6	J	12.4	U

All results in milligrams per kilogram (mg/kg)
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Table 2
Inorganic Analytical Results-Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SED14		RBS-SED15		RBS-SED16		RBS-SED17		RBS-SED18		RBS-SED19		RBS-SED20		RBS-SED21		RBS-SED22		RBS-SED23		RBS-SED24		RBS-SED25		RBS-SED26		RBS-SED27		RBS-SED28	
EPA Sample No.	MB5387		MB5388		MB5389		MB5390		MB5391		MB5392		MB5393		MB5394		MB5395		MB5396		MB5397		MB5398		MB5399		MB53A0		MB53A1	
Sample Depth	0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.	
Comment																	Duplicate of RBS-SED21													
ALUMINUM	1,210	J	1,320	J	1,770	J	716	R	1,460	R	1,820	R	2,950	R	820	R	1,080		1,180		1,060		941		1,020		1,280	J	757	J
ANTIMONY	7.7	U	8.0	U	7.7	U	8.5	R	3.1	R	2.1	R	0.58	R	0.46	R	7.7	UJ	8.6	UJ	8.3	UJ	13.9	J	20.5	J	8.8	J	14.0	J
ARSENIC	3.5		3.9		8.6		2.4	R	5.6	R	6.3	R	9.4	R	2.0	R	2.4		3.1		2.9		6.6		15.7		22.2	J	10.2	J
BARIUM	25.6	UJ	26.8	UJ	25.8	UJ	2.7	J	31.9	UJ	29.9	UJ	30.4	UJ	26.2	UJ	25.8	UJ	28.6	UJ	27.5	UJ	23.4	UJ	27.8	UJ	6.0	J	5.7	J
BERYLLIUM	0.64	U	0.67	U	0.64	U	0.71	U	0.8	U	0.75	U	0.76	U	0.65	U	0.65	U	0.72	U	0.69	U	0.59	U	0.7	U	0.23	J	0.064	J
CADMIUM	0.64	U	0.67	U	1.4		0.22	J	0.8	U	0.75	U	0.76	U	0.65	U	0.65	U	0.72	U	0.69	U	0.59	U	0.7	U	0.62	U	0.69	U
CALCIUM	639	U	765		1,290		565	J	2,590	J	1,420	J	3,680	J	9,740	J	5,500	J	2,730	J	6,140	J	586	UJ	1,110	J	9,700		688	R
CHROMIUM	20.5		6.9		13.7		4.9		8.3		9.1		19.6		5.7		6.4		5.5		6.0		4.5		6.3		12.9		5.6	J
COBALT	6.4	U	6.7	U	6.4	U	0.48	J	8.0	U	7.5	U	7.6	U	6.5	U	6.5	U	7.2	U	6.9	U	5.9	U	7.0	U	0.88	J	0.38	J
COPPER	5.8	J	8.0	J	18.4	J	10.2	R	18.6	R	11	R	27.1	R	7.4	R	8.4		9.6		9.7		21.2		25.4		14.3	J	13.7	J
IRON	14,200		13,000		23,300		5,570		8,370		12,100		10,700		5,020		6,070		5,870		5,780		5,950		9,500		20,700	J	7,720	J
LEAD	22.6	J	36.2	J	107	J	75.7		186		93.5		58.2		48.1		53.6	J	90.7	J	79.4	J	458	J	525	J	311		394	
MAGNESIUM	639	U	670	U	671		719		952		1,110		1,160		425	J	495	J	617	J	462	J	505	J	591	J	633		530	J
MANGANESE	70.8		31.6		34.4		16.8	R	46.8	R	43.1	R	40.8	R	17.4	R	18.7		17.2		14.6		15.5		89.5		56.3		20.5	J
NICKEL	5.1	U	5.4	U	5.2	U	1.3	J	2.7	J	3.2	J	7.4		1.2	J	5.2	U	5.7	U	5.5	U	4.7	U	5.6	U	3.1	J	1.4	J
POTASSIUM	213	J	343	J	296	J	286	J	436	J	476	J	678	J	217	J	258	J	309	J	253	J	250	J	257	J	186	J	260	J
SELENIUM	4.5	U	4.7	U	4.5	U	5.0	UJ	0.71	J	0.88	J	1.6	J	0.76	J	0.58	J	0.59	J	0.54	J	0.65	J	0.69	J	1.2	J	4.8	UJ
SILVER	1.3	U	0.17	J	0.19	J	1.4	U	1.6	U	1.5	U	1.5	U	1.3	U	0.32	J	0.22	J	1.4	U	1.2	U	1.4	U	1.2	U	1.4	U
SODIUM	1,500		2,040		2,200		4,140	J	4,260	J	4,060	J	3,590	J	2,120	J	1,960		3,020		2,300		2,430		2,480		1,720		2,780	
THALLIUM	3.2	U	3.4	U	3.2	U	3.5	UJ	4.0	UJ	3.7	UJ	3.8	UJ	3.3	UJ	3.2	U	3.6	U	3.4	U	2.9	U	3.5	U	3.1	U	3.4	U
VANADIUM	15.1		17.8		33.3		10.6	J	15.7	J	17.6	J	23.7	J	10.4	J	12.0		10.9		10.7		9.4		14.3		26.1		9.9	
ZINC	25.1		39.2		71.7		27.6	J	52.7	J	43.2	J	59.2	J	32.2	J	34.9		30.3		32.9		29.1		39.4		43.6		26.0	
TIN	12.8	U	13.4	U	12.9	U	14.2	UJ	16	UJ	15.0	UJ	15.2	UJ	13.1	UJ	12.9	U	14.3	U	13.8	U	22.5		1,020		12.4	U	17.8	

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value

Table 2
Inorganic Analytical Results-Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SED29		RBS-SED30		RBS-SED31		RBS-SED32		RBS-SED33		RBS-SED34		RBS-SED35		RBS-SED36		RBS-SED37		RBS-SED38		RBS-SED39		RBS-SED40		RBS-SED41		RBS-SED42		RBS-SED43	
EPA Sample No.	MB53A2		MB53A3		MB53A4		MB53A5		MB53A6		MB53A7		MB53A8		MB53A9		MB53B0		MB53B1		MB53B2		MB53B3		MB53B4		MB53B5		MB53B6	
Sample Depth	0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.	
Comment																											Duplicate of RBS-SED41			
ALUMINUM	1,670	J	1,770	J	718	J	1,440	J	2,810	J	1,060	J	1,220	J	1,050	J	1,160	J	947	J	875	J	921	J	1,090	J	1,120	J	987	J
ANTIMONY	4.6	J	32.9	J	9.6	J	8.6	J	31.3	J	6.6	J	6.7	J	6.3	UJ	6.3	UJ	6.5	UJ	6.1	UJ	7.6	UJ	6.2	UJ	6.2	UJ	6.7	UJ
ARSENIC	5.1	J	48.2	J	10.4	J	10.4	J	55.7	J	10.2	J	6.3	J	1.9		2.9		2.3		1.9		1.5		3.1		2.0		2.1	
BARIUM	7.2	J	5.9	J	5.9	J	5.7	J	23.6	UJ	29.0	UJ	29.1	UJ	20.9	UJ	20.9	UJ	21.7	UJ	20.4	UJ	25.3	UJ	20.7	UJ	20.7	UJ	22.2	UJ
BERYLLIUM	0.026	J	0.27	J	0.062	J	0.44	J	0.87	J	0.099	J	0.09	J	0.52	U	0.52	U	0.54	U	0.51	U	0.63	U	0.52	U	0.52	U	0.55	U
CADMIUM	0.65	U	0.015	J	0.73	U	0.011	J	0.18	J	0.73	U	0.73	U	0.52	U	0.52	U	0.54	U	0.51	U	0.63	U	0.52	U	0.52		0.55	U
CALCIUM	894	R	7,560		727	R	1,690	R	5,600		726	R	729	R	419	J	2,600		526	J	682		430	J	2,180	J	667	J	809	
CHROMIUM	8.4		14.6		4.3	J	10.1		32.6		6.5	J	5.6	J	6.2		21.4		5.1		4.0		4.1		3.6	R	8.1		8.9	
COBALT	1.1	J	4.0	J	0.34	J	0.67	J	2.0	J	0.5	J	0.64	J	5.2	U	5.2	U	5.4	U	5.1	U	6.3	U	5.2	U	5.2	U	5.5	U
COPPER	15.7	J	46.7	J	12.7	J	18.8	J	26.3	J	17.2	J	29.2	J	1.2	J	2.2	J	0.99	J	1.5	J	1.1	J	0.94	J	0.89	J	0.58	J
IRON	7,770	J	26,200	J	7,530	J	12,300	J	68,300	J	8,710	J	7,220	J	5,590		10,600		5,880		6,170		3,940		6,010		5,580		6,340	
LEAD	200		530		280		318		533		307		304		3.0		3.0		2.5		5.5		2.0	J	1.9	R	11.4		4.2	
MAGNESIUM	817		679		514	J	719		851		636	J	679	J	556		550		554		407	J	696		475	J	559		494	J
MANGANESE	27.4	J	66.3		32.8	J	26.5	J	116		26.0	J	30.6	J	110		39.9		53.4		51.6		41.5		47.9		55.3		39.9	
NICKEL	2.7	J	14.5		1.4	J	2.1	J	7.4		1.8	J	2.4	J	4.2	U	4.2	U	4.3	U	4.1	U	5.1	U	4.5	U	4.1	U	4.4	U
POTASSIUM	424	J	222	J	255	J	321	J	291	J	334	J	344	J	347	J	274	J	334	J	311	J	539	J	334	J	390	J	336	J
SELENIUM	0.7	J	1.3	J	0.64	J	0.61	J	1.3	J	0.7	J	0.5	J	3.7	U	3.7	U	3.8	U	3.6	U	4.4	U	3.6	U	3.6	U	3.9	U
SILVER	1.3	U	0.3	J	1.5	U	1.4	U	0.11	J	0.13	J	1.5	U	1.0	UJ	1.0	UJ	1.1	UJ	1.0	UJ	1.3	UJ	1.0	UJ	0.16	J	1.1	UJ
SODIUM	2,190		1,230		2,670		3,090		1,470		2,950		2,840		524	U	524	U	555		510	U	1,890		519	U	518	U	640	
THALLIUM	3.2	U	2.9	U	3.6	U	3.6	U	3.0	U	3.6	U	3.6	U	2.6	U	2.6	U	2.7	U	2.5	U	3.2	U	2.6	U	2.6	U	2.8	U
VANADIUM	13.4		30.2		9.6		24.6		53.9		12.1		11.0		6.9	J	18.0	J	6.3	J	7.3	J	6.3	UJ	5.6	J	7.9	J	7.7	J
ZINC	27.2		65.7		24.3		34.0		114		32.9		35.4		7.9		11.3		9.7		8.6		7.6	U	9.3		9.6		8.5	
TIN	13.0	U	27		14.5	U	16.6		30.1		20.8		14.6	U	10.5	U	10.5	U	10.9	U	10.2	U	12.6	U	10.4	U	10.4	U	11.1	U

All results in milligrams per kilogram (mg/kg)
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J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value

Table 2
Inorganic Analytical Results-Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SED44		RBS-SED45		RBS-SED46		RBS-SED47		RBS-SED48		RBS-SED49		RBS-SED50		RBS-SED51		RBS-SED52		RBS-SED53		RBS-SED54		RBS-SED55		RBS-SED56		RBS-SED57		RBS-SED58	
EPA Sample No.	MB53B7		MB53B8		MB53B9		MB53C0		MB53C1		MB53C2		MB53C3		MB53C4		MB53C5		MB53C6		MB53C7		MB53C8		MB53C9		MB53D0		MB53D1	
Sample Depth	0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.	
Comment																														
ALUMINUM	1,030	J	910	J	1,110	J	707	J	1,020	J	1,140	J	996	J	1,060	J	992	J	6,410	J	11,000	J	2,100	J	4,720	J	5,800		3,230	
ANTIMONY	6.6	UJ	7.1	UJ	6.9	UJ	6.7	UJ	8.5	UJ	7.0	UJ	7.3	UJ	7.0	UJ	6.9	UJ	44.2	J	53.7	J	0.86	J	21.1	J	33.6		9.4	J
ARSENIC	3.1		2.1		1.9		1.1		1.9		3.7		1.6		2.1		2.3		36.2	J	62.9	J	3.4	J	41.8	J	44.7	J	16.2	J
BARIUM	21.9	UJ	23.7	UJ	23.0	UJ	22.2	UJ	28.2	UJ	23.2	UJ	24.3	UJ	23.4	UJ	23.1	UJ	38.4	J	53.8	J	6.4	J	22.0	J	32.3	J	16.7	J
BERYLLIUM	0.55	U	0.59	U	0.58	U	0.55	U	0.71	U	0.58	U	0.61	U	0.58	U	0.58	U	0.36	J	0.54	J	0.17	J	4.8	UJ	0.96	U	0.83	U
CADMIUM	0.55	U	0.59	U	0.58	U	0.55	U	0.71	U	0.58	U	0.61	U	0.58	U	0.58	U	1.8	J	2.8	J	0.049	J	4.8	R	1.3	R	0.83	R
CALCIUM	647		414	J	515	J	9,510		608	J	4,360		1,680		836		505	J	5,000	J	14,700	J	4,140		7,460	J	2,720		1,640	
CHROMIUM	5.6		3.9		5.1		2.8		5.7		11.2		4.7		4.4		4.5		26.6	J	43.5	J	9.2	R	25.7	J	28.0		15.7	
COBALT	0.95	J	0.94	J	1.1	J	0.76	J	1.0	J	0.87	J	0.81	J	5.8	U	5.8	U	5.7	J	8.7	J	1.8	J	48.1	UJ	9.6	U	8.3	U
COPPER	2.0	J	0.66	J	0.74	J	0.48	J	0.71	J	4.3		0.44	J	0.67	J	0.69	J	151	J	204	J	11.0	J	178	J	138		53.0	
IRON	5,820		6,660		5,150		3,720		5,810		10,700		4,240		5,730		5,160		22,800	J	32,300	J	7,270		26,300	J	22,000	J	12,400	J
LEAD	2.6		1.8	J	2.4		1.2	J	2.1	J	1.9	J	2.2	J	2.0		2.3		2,910	R	4,130	R	21.2	R	1,770	J	2,150		542	
MAGNESIUM	581		586	J	656		385	J	651	J	619		660		629		597		3,830	J	6,270	J	1,320		10,500	J	2,880		1,720	
MANGANESE	85.9		41.4		45.3		36.0		47.0		47.0		32.8		26.4		36.7		147	J	250	J	50.5		355	J	138	J	70.9	J
NICKEL	1.8	J	2.0	J	2.1	J	1.6	J	2.3	J	1.6	J	1.7	J	4.7	U	4.6	U	18.3	J	28.5	R	6.1	U	16.6	J	19.4	J	6.4	J
POTASSIUM	396	J	340	J	594		172	J	461	J	328	J	626		421	J	515	J	1,640	J	2,600	J	968		3,870	J	1,300		827	J
SELENIUM	3.8	U	4.1	U	4.0	U	3.9	U	4.9	U	0.47	J	4.3	U	4.1	U	4.0	U	2.0	J	2.4	J	0.69	J	33.6	UJ	6.7	UJ	5.8	UJ
SILVER	1.1	UJ	1.2	UJ	0.1	J	1.1	UJ	1.4	UJ	0.13	J	1.2	UJ	0.13	J	1.2	UJ	0.71	J	1.2	J	1.5	U	2.7	J	1.2	J	0.39	J
SODIUM	627		1,530		1,080		690		1,620		1,050		1,490		1,220		991		11,200	J	17,900	J	4,110		60,000	J	5,650		4,450	
THALLIUM	2.7	U	3.0	U	2.9	U	2.8	U	3.5	U	2.9	U	3.0	U	2.9	U	2.9	U	6.1	UJ	8.7	UJ	3.8	U	24.0	UJ	4.8	UJ	4.2	UJ
VANADIUM	7.3	J	6.0	J	7.0	J	5.5	UJ	7.3	J	5.8	UJ	6.1	UJ	9.0	J	6.6	J	28.4	J	43.5	J	11.7		53.2	J	32.5		19.8	
ZINC	6.9		10.4		8.3		5.1	J	8.7		10.1		6.9	J	7.9		7.9		205	J	268	J	33.3	R	215	J	218	J	94.5	J
TIN	11	U	11.8	U	11.5	U	11.1	U	14.1	U	11.6	U	12.2	U	11.7	U	11.5	U	89.3	J	127	J	15.3	U	96.1	UJ	63.0		16.6	U

All results in milligrams per kilogram (mg/kg)
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Table 2
Inorganic Analytical Results-Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SED59		RBS-SED60		RBS-SED61		RBS-SED62		RBS-SED63		RBS-SED64		RBS-SED65		RBS-SED66		RBS-SED67		RBS-SED68		RBS-S6ED69		RBS-SED70		RBS-SED71		RBS-SED72		RBS-SED73	
EPA Sample No.	MB53D2		MB53D3		MB53D4		MB53D5		MB53D6		MB53D7		MB53D8		MB53D9		MB53E0		MB53E1		MB53E2		MB53E3		MB53E4		MB53E5		MB53E6	
Sample Depth	0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.	
Comment							Duplicate of RBS-SED61																							
ALUMINUM	5,960	J	3,070		2,850		2,740		2,650		2,970		731	J	2,390	J	12,400	J	3,780	J	357	J	496	J	487	J	893	J	1,190	J
ANTIMONY	2.7	J	2.7	J	0.9	J	1.1	J	0.77	J	0.92	J	0.63	J	1.8	J	2.1	J	0.72	J	7.9	U	8.2	U	8.2	U	0.41	J	9.4	U
ARSENIC	12.6	J	7.5	J	4.2	J	4.1	J	5.1	J	7.7	J	2.8		13.8		16.1	J	6.9	J	1.3	UJ	2.0	J	1.4	UJ	4.4	J	3.1	J
BARIUM	24.2	J	13.7	J	10.1	J	8.9	J	5.9	J	5.8	J	1.4	J	5.6	J	36.2	J	14.0	J	1.9	J	1.4	J	3.2	J	1.0	J	4.9	J
BERYLLIUM	1.1	UJ	0.88	U	0.83	U	0.78	U	0.68	U	0.68	U	0.036	J	0.34	J	0.61	J	0.19	J	0.66	U	0.07	J	0.68	U	0.21	J	0.79	U
CADMIUM	1.1	R	0.88	R	0.83	R	0.78	R	0.68	R	0.68	R	0.64	UJ	0.61	UJ	1.1	UJ	1.1	UJ	0.023	J	0.014	J	0.058	J	0.61	U	0.091	J
CALCIUM	3,460	J	22,800		949		1,080		2,620		1,750		636	UJ	639	J	1,120	UJ	1,080	UJ	224	J	997		722		485	J	3,860	
CHROMIUM	25.5	J	14.1		13.3		13.0		12.2		23.9		4.4	J	21.0	J	34.6	J	15.3	J	1.7	R	4.5	R	2.7	R	5.8	R	7.1	R
COBALT	10.7	UJ	8.8	U	8.3	U	7.8	U	6.8	U	6.8	U	0.16	J	1.5	J	2.0	J	2.0	J	0.35	J	0.27	J	0.28	J	0.45	J	1.1	J
COPPER	60.8	J	34.4		30.7		28.4		18.0		20.5		3.7	J	13.9	J	53.8	J	62.7	J	1.4	J	1.8	J	2.3	J	3.4	J	3.8	J
IRON	17,200	J	10,400	J	9,220	J	9,430	J	17,600	J	24,700	J	9,460	J	51,300	J	34,600	J	12,400	J	1,650	J	5,650		2,250	J	16,200		5,810	
LEAD	251	J	197		90.1		80.1		36.3		29.6		23.8	J	23.8	J	279	J	79.4	J	4.9	R	3.2	R	7.7	R	8.3	R	9.3	R
MAGNESIUM	3,040	J	1,640		1,340		1,290		1,090		1,030		260	J	480	J	1,690	J	1,220	J	335	J	535	J	401	J	426	J	861	
MANGANESE	126	J	59.3	J	47.5	J	46.6	J	31.4	J	49.6	J	21.5	J	172	J	42.3	J	87.1	J	7.6	J	16.5	J	12.1	J	27.9		18.7	J
NICKEL	10.9	J	5.3	J	4.7	J	4.5	J	3.1	J	6.2	J	0.67	J	3.8	J	6.4	J	26.3	J	5.2	U	5.4	U	5.4	U	4.9	U	6.3	U
POTASSIUM	1,440	J	815	J	692	J	665	J	466	J	557	J	132	J	389	J	1,460	J	690	J	162	J	202	J	222	J	142	J	400	J
SELENIUM	7.5	UJ	6.1	UJ	0.83	J	0.73	J	0.79	J	0.92	J	0.7	J	0.98	J	2.2	J	1.2	J	4.6	U	0.57	J	4.8	U	0.56	J	0.68	J
SILVER	0.74	J	0.5	J	0.38	J	0.34	J	0.2	J	0.32	J	0.24	J	0.2	J	0.27	J	0.61	J	1.3	U	1.4	U	1.4	U	1.2	U	1.6	U
SODIUM	7,970	J	5,610		3,870		3,770		2,950		3,030		636	UJ	607	UJ	3,530	J	1,080	UJ	2,090		3,520		2,120		2,340		4,320	
THALLIUM	5.3	UJ	4.4	UJ	4.1	UJ	3.9	UJ	3.4	UJ	3.4	UJ	3.2	U	3.0	U	5.6	UJ	5.4	UJ	3.3	U	3.4	U	3.4	U	3.1	U	3.9	U
VANADIUM	28.0	J	17.9		16.8		17.8		28.5		36.5		13.0	J	45.3	J	56.3	J	21.3	J	6.5	U	11.2		6.8	U	13.6		15.6	
ZINC	138	J	97.2	J	75.0	J	70.3	J	54.8	J	89.0	J	24.3	J	58.3	J	43.7	J	45.6	J	9.1	R	10.8	R	14.4	R	22.7	R	21.6	R
TIN	21.3	UJ	17.5	U	16.5	U	15.6	U	13.5	U	13.7	U	12.7	UJ	12.1	UJ	22.4	UJ	21.5	UJ	13.1	U	13.6	U	13.6	U	12.2	U	15.7	U

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value

Table 2
Inorganic Analytical Results-Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SED74		RBS-SED81		RBS-SED82		RBS-SED83		RBS-SED84		RBS-SED85		RBS-SED86		RBS-SED87		RBS-SED88		RBS-SED89		RBS-SED90	
EPA Sample No.	MB53E7		MB53L8		MB53L9		MB53M0		MB53M3		MB53M4		MB53M5		MB53M9		MB53N0		MB53N7		MB53N8	
Sample Depth	0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.		0-3 in.	
Comment																						
ALUMINUM	2,300	J	568	J	1,220	J	1,020	J	1,040	J	1,020	J	1,200	R	736		792		9,410	J	7,660	J
ANTIMONY	1.1	J	14.1	J	8.9	J	7.1	J	7.4	UJ	7.1	UJ	8.2	U	33.2	J	28.0	J	3,270		1,720	
ARSENIC	10.6	J	12.6	J	10.4	J	7.4	J	2.0		1.8		1.6	R	22.5		19.2		2,100	J	933	J
BARIUM	1.7	J	25.3	UJ	27.9	UJ	26.2	UJ	24.6	UJ	23.5	UJ	27.4	UJ	25.9	UJ	28.0	UJ	1,340	J	1,090	J
BERYLLIUM	0.99		0.074	J	0.12	J	0.1	J	0.62	U	0.59	U	0.68	U	0.65	U	0.7	U	0.64	U	0.62	U
CADMIUM	0.029	J	0.63	U	0.092	J	0.015	J	0.62	U	0.59	U	0.68	U	0.65	U	2.0		11.9		22.1	
CALCIUM	1,360		633	R	1,840	R	654	R	526	J	820		882	J	901	J	699	UJ	14,000		8,550	
CHROMIUM	34.4	J	4.5	J	6.1	J	5.4	J	5.1		4.9		5.0		6.7		5.8		55.5	J	3,500	
COBALT	2.9	J	0.42	J	0.62	J	0.64	J	6.2	U	5.9	U	6.8	U	6.5	U	7.0	U	20.2		22.3	
COPPER	4.9	J	22.3	J	24.6	J	17.7	J	0.54	J	0.56	J	1.8	R	37.3		117		2,050	J	969	J
IRON	40,100		7,270	J	8,140	J	8,000	J	4,560		4,930		4,830		12,700		6,810		154,000		120,000	
LEAD	8.6	R	463		422		318		2.1		2.4		7.3		1,100	J	1,440	J	89,200	R	42,200	R
MAGNESIUM	654		312	J	687	J	498	J	624		596		781		395	J	422	J	3,150		2,640	
MANGANESE	59.5		38.3		27.6	J	18.7	J	37.0		22.4		27.1	R	51.6		13.7		1,250		1,710	
NICKEL	6.3	R	1.9	J	2.5	J	1.9	J	4.9	U	4.7	U	1.9	J	12.2		5.6	U	88.8	J	1,500	
POTASSIUM	229	J	151	J	360	J	261	J	650		543	J	647	J	162	J	184	J	1,250		1,130	
SELENIUM	0.82	J	0.6	J	0.69	J	0.67	J	4.3	U	4.1	U	0.46	J	0.89	J	0.64	J	0.86	J	4.4	U
SILVER	0.17	J	1.3	U	0.12	J	0.21	J	1.2	UJ	1.2	UJ	1.4	U	0.23	J	0.14	J	2.4		0.93	J
SODIUM	1,890		1,550		2,620		2,020		1,140		1,250		2,440	J	2,050		1,770		7,230		5,720	
THALLIUM	3.1	U	3.2	U	3.5	U	3.3	U	3.1	U	2.9	U	3.4	UJ	3.2	U	3.5	U	3.2	U	3.1	U
VANADIUM	45.4		9.4		12.1		11.1		6.3	J	5.9	J	6.8	J	15.9		9.5		63.8		73.4	
ZINC	47.3	R	25.3		41.9		34.0		7.4	U	8.0		13.1	J	41.1		53.2		1,380		1,300	
TIN	12.3	U	25.8		18.3		17.4		12.3	U	11.8	U	13.7	UJ	45.4		42.1		1,980	J	1,480	J

All results in milligrams per kilogram (mg/kg)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value

Table 3
Inorganic Analytical Results-Surface Water Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SW01		RBS-SW01D		RBS-SW02		RBS-SW02D		RBS-SW03		RBS-SW03D		RBS-SW04		RBS-SW04D		RBS-SW05		RBS-SW05D		RBS-SW06		RBS-SW06D		RBS-SW07		RBS-SW07D		RBS-SW08	
EPA Sample No.	MB53F4		MB53F5		MB53F6		MB53F7		MB53F8		MB53F9		MB53G0		MB53G1		MB53G2		MB53G3		MB53G4		MB53G5		MB53G6		MB53G7		MB53G8	
Comment																														
ALUMINUM	481		441		331		338		459		470		329	R	673	R	393	J	502	J	537		614		1,950		1,140		1,430	
ANTIMONY	2.9	J	2.6	J	60.0	U	1.4	J	3.3	J	60.0	U	60.0	U	1.6	J	1.6	J	60.0	U	60.0	U	60.0	U	8.5	J	5.9	J	4.4	J
ARSENIC	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	14.0		11.2		10.0	U
BARIUM	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
BERYLLIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
CADMIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
CALCIUM	205,000		207,000		214,000		195,000		202,000		194,000		198,000		198,000		206,000		212,000		216,000		214,000		204,000		187,000		211,000	
CHROMIUM	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	2.7	J	3.3	J	3.3	J	4.6	J	10.0	U	10.0	U	6.0	J
COBALT	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	UJ	50.0	UJ	50.0	U	50.0	U	50.0	U
COPPER	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	8.9	J	8.9	J	4.1	J
IRON	1,210	J	1,190	J	956	J	867	J	1,110		1,060		916	R	1520	R	926	J	1,140	J	1,360		1,550		5,120		3,070		3,610	
LEAD	33.1		37.8	J	29.8		24.8	J	30.0		24.9		25.2	J	31.3	J	10.0	UJ	11.9	J	14.2	J	17.7	J	153		152		109	
MAGNESIUM	673,000		679,000		693,000		632,000		654,000		629,000		627,000		628,000		667,000		692,000		714,000		712,000		673,000		583,000		668,000	
MANGANESE	116	J	115	J	116	J	106	J	103	J	96.8	J	109	J	124	J	103	J	102	J	99.8	J	107	J	235	J	196	J	199	J
NICKEL	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U	50.0	U
POTASSIUM	209,000		211,000		220,000		205,000		219,000		212,000		216,000		221,000		213,000		221,000		227,000		226,000		204,000		208,000		224,000	
SELENIUM	3.9	J	3.3	J	2.4	J	35.0	U	2.7	J	2.5	J	3.3	J	35.0	U	3.2	J	3.1	J	2.9	J	4.1	J	2.4	J	2.4	J	2.7	J
SILVER	10.0	U	10.0	U	0.99	J	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
SODIUM	1,630,000	R	1,610,000	R	1,490,000	R	1,500,000	R	1,900,000	R	1,660,000	R	1,590,000	R	1,540,000	R	1,950,000	R	1,750,000	R	1,720,000	R	1,670,000	R	1,970,000	R	1,510,000	R	1,700,000	R
THALLIUM	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U
VANADIUM	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	UJ	50.0	UJ	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
ZINC	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	60.0	R	60.0	R	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U
TIN	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	0.8	J	100	U	100	U	2.8	J

All results in micrograms per liter (µg/L)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value
Surface water sample numbers containing a 'D' (RBS-SW01D) indicates that the samples were analyzed for Dissolved Metals.

Table 3
Inorganic Analytical Results-Surface Water Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SW08D		RBS-SW09		RBS-SW09D		RBS-SW10		RBS-SW10D		RBS-SW11		RBS-SW11D		RBS-SW12		RBS-SW12D		RBS-SW13		RBS-SW13D		RBS-SW14		RBS-SW14D		RBS-SW15		RBS-SW15D		RBS-SW16		RBS-SW16D	
EPA Sample No.	MB53G9		MB53H0		MB53H1		MB53H2		MB53H3		MB53H4		MB53H5		MB53H6		MB53H7		MB53H8		MB53H9		MB53J0		MB53J1		MB53J2		MB53J3		MB53J4		MB53J5	
Comment																																		
ALUMINUM	1,290		3,660		4,320		3,150	J	4,240	J	5,890		4,590		6,780	J	5,660	J	3,080	R	6,780	R	6,010	J	4,430	J	2,910	J	3,920	J	12,600	J	15,600	J
ANTIMONY	4.3	J	11.7	J	15.3	J	13.8	J	19.4	J	29.0	J	26.5	J	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	60.0	U	21.1	J	27.7	J	53.2	J	61.6	
ARSENIC	10.0	U	29.3		24.5		29.4	J	36.2	J	34.5		27.1		15.2		16.2		12.0	J	15.5	J	14.9		15.0		22.0		26.3		70.9		79.7	
BARIUM	200	U	200	U	200	U	200	U	200	U	200	U	200	U	44.4	J	40.7	J	26.3	J	35.5	J	34.0	J	29.0	J	29.5	J	31.9	J	64.9	J	76.6	J
BERYLLIUM	5.0	U	0.65	J	0.57	J	0.47	J	0.7	J	0.054	J	0.16	J	5.0	U	5.0	U	5.0	R	5.0	R	5.0	U	5.0	U	5.0	R	5.0	R	5.0	UJ	5.0	UJ
CADMIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	0.33	J	0.23	J	0.09	J	0.2	J	0.1	J	0.14	J	0.34	J	0.35	J	5.0	U	5.0	U
CALCIUM	202,000		208,000		222,000		219,000		212,000		208,000		200,000		311,000	J	295,000	J	258,000	J	273,000	J	255,000	J	250,000	J	234,000	J	231,000	J	230,000	J	230,000	J
CHROMIUM	3.1	J	17.8		19.8		16.5		19.4		25.0		18.3		28.9	J	25.1	J	14.0	R	27.5	R	23.8	J	20.3	J	12.5	J	14.7	J	43.8	R	51.6	R
COBALT	50	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	17.0	J	13.8	J	6.8	R	13.5	R	12.3	J	8.8	J	2.8	J	3.5	J	50.0	UJ	50.0	UJ
COPPER	3.1	J	53.3		21.6	J	67.7	J	82.6	J	54.6		35.2		23.9	J	14.0	J	25.0	U	4.3	J	4.0	J	25.0	U	32.4	J	45.2	J	154	J	197	J
IRON	3,280		14,500	J	17,700	J	10,900	J	14,300	J	17,800		13,000		20,500	J	19,400	J	12,200	R	23,900	R	20,500	J	18,000	J	6,320	J	7,900	J	27,100	R	29,300	R
LEAD	89.7		1,220		686		1,450	J	1,780	J	867		739		99.0	J	86.0	J	27.2	R	60.8	R	54.0	J	39.0	J	494	J	585	J	1,580	J	1,810	J
MAGNESIUM	657,000		645,000		698,000		688,000		668,000		669,000		617,000		730,000	J	754,000	J	810,000	J	767,000	J	761,000	J	760,000	J	785,000	J	763,000	J	745,000	J	735,000	J
MANGANESE	177	J	366	J	357	J	348	J	382	J	265	J	237	J	2,620	J	2,140	J	987	R	2,010	R	1,710	J	1,040	J	309	J	330	J	874	R	1,100	R
NICKEL	40.0	U	40.0	U	40.0	U	40.0	UJ	40.0	UJ	40.0	U	40.0	U	20.4	J	16.0	J	6.3	R	12.5	R	11.9	J	8.9	J	6.3	J	8.1	J	22.1	J	26.2	J
POTASSIUM	217,000		212,000		234,000		230,000		224,000		225,000		218,000		214,000	J	224,000	J	242,000	J	235,000	J	238,000	J	239,000	J	253,000	J	250,000	J	255,000	J	260,000	J
SELENIUM	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	3.4	J	3.3	J	2.6	J	2.6	J	35.0	U	35.0	U	35.0	U	2.6	J	3.8	J	2.3	J
SILVER	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	2.0	J	10.0	U	1.3	J	10.0	UJ	1.3	J	1.7	J
SODIUM	1,820,000	R	5,510,000		6,050,000		5,820,000		5,830,000		5,590,000		5,510,000		1,870,000	R	1,590,000	R	1,540,000	R	1,400,000	R	1,350,000	R	1,330,000	R	1,310,000	R	1,310,000	R	1,530,000	R	1,370,000	R
THALLIUM	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U
VANADIUM	50.0	U	49.3	J	53.8	J	42.7	J	51.1	J	45.0	J	50.0	UJ	94.9	J	83.4	J	50.0	R	73.8	R	68.3	J	52.0	J	50.0	UJ	50.0	UJ	65.2	J	63.8	J
ZINC	60.0	U	218		179		201	J	251	J	137		112		187	J	145	J	83.5	R	161	R	142	J	108	J	67.4	J	81.6	J	255	J	363	J
TIN	100	U	15.3	J	17.4	J	8.8	R	17.1	R	33.1	J	22.0	J	1.6	J	100	U	100	U	0.58	J	0.9	J	100	U	7	R	11.2	R	27.1	J	35.4	J

All results in micrograms per liter (µg/L)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value
Surface water sample numbers containing a 'D' (RBS-SW01D) indicates that the samples were analyzed for Dissolved Metals.

Table 3
Inorganic Analytical Results-Surface Water Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-SW17	RBS-SW17D	RBS-SW18	RBS-SW18D	RBS-SW19	RBS-SW19D	RBS-SW20	RBS-SW20D	RBS-SW21	RBS-SW21D	RBS-SW22	RBS-SW22D	RBS-SW23	RBS-SW23D	RBS-SW24	RBS-SW24D
EPA Sample No.	MB53J6	MB53J7	MB53J8	MB53J9	MB53K0	MB53K1	MB53K2	MB53K3	MB53K4	MB53K5	MB53K6	MB53K7	MB53K8	MB53K9	MB53L0	MB53N6
Comment															Duplicate of RBS-SW21	Duplicate of RBS-SW21D
ALUMINUM	200 U	200 U	102 J	82.9 J	6,030	2,720	1,940	886	180 J	184 J	252 J	257 J	235 J	233 J	196 J	224 J
ANTIMONY	60.0 U	60.0 U	60.0 U	60.0 U	6.3 J	2.8 J	2.5 J	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U
ARSENIC	10.0 U	10.0 U	10.0 U	10.0 U	25.0	13.6	21.6	10.0 U	4.8 J	4.0 J	2.7 J	3.4 J	3.8 J	2.5 J	2.7 J	4.7 J
BARIUM	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	21.4 J	22.2 J	22.0 J	22.2 J	21.7 J	21 J	22.4 J	22.2 J
BERYLLIUM	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U
CADMIUM	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
CALCIUM	26,600	27,300	31,000	28,800	29,600	29,500	29,300	28,800	222,000 J	226,000 J	222,000 J	223,000 J	224,000 J	216,000 J	228,000 J	225,000 J
CHROMIUM	10.0 U	10.0 U	10.0 U	10.0 U	16.0	5.4 J	4.7 J	1.3 J	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	10.0 R	10.0 R	10.0 UJ	10.0 UJ
COBALT	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	1.1 J	1.1 J	1.2 J	1.1 J	50.0 UJ	50.0 UJ	0.97 J	1.1 J
COPPER	25.0 U	2.2 J	4.1 J	25.0 U	52.5	43.5	15.2 J	9.1 J	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U
IRON	958	899	1,320	1,100	74,400	58,500	10,600	4,530	345 J	348 J	484 J	471 J	333 R	311 R	342 J	429 J
LEAD	10.0 U	10.0 UJ	10.0 U	10.0 U	298	282	49.9	28.0	10.0 UJ	10.0 UJ	6.7 J	5.1 J	10.0 UJ	10.0 UJ	10.0 UJ	3.4 J
MAGNESIUM	38,500	40,000	46,000	42,900	62,800	61,300	40,600	39,600	754,000 J	761,000 J	742,000 J	746,000 J	723,000 J	685,000 J	772,000 J	765,000 J
MANGANESE	201 J	200 J	228 J	220 J	764 J	693 J	494 J	335 J	163 J	167 J	171 J	170 J	122 R	117 R	162 J	157 J
NICKEL	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	40.0 U	1.6 J	1.7 J	1.4 J	1.4 J	2.1 J	40.0 U	1.5 J	1.7 J
POTASSIUM	17,600	17,900	19,300	18,200	28,700	28,100	17,700	17,400	233,000 J	238,000 J	235,000 J	237,000 J	259,000 J	255,000 J	241,000 J	238,000 J
SELENIUM	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	2.9 J	35.0 U	2.3 J	35.0 U	35.0 U	2.4 J	35.0 U	3.1 J	35.0 U	35.0 U	35.0 U
SILVER	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ
SODIUM	326,000 R	349,000 R	376,000 R	380,000 R	572,000 R	575,000 R	365,000 R	361,000 R	1,510,000 R	1,570,000 R	1,360,000 R	1,330,000 R	1,360,000 R	1,280,000 R	1,340,000 R	1,320,000 R
THALLIUM	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U
VANADIUM	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 UJ	50.0 UJ	50.0 UJ	50.0 UJ	50.0 UJ	50.0 UJ	50.0 R	50.0 R
ZINC	60.0 R	60.0 R	60.0 U	60.0 U	186	151	64.8	60.0 U	60.0 UJ	60.0 UJ	60.0 UJ	60.0 UJ	60.0 R	60.0 R	60.0 UJ	60.0 UJ
TIN	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U

All results in micrograms per liter (µg/L)
U - Analyte not detected
J - Estimated concentration
UJ - The analyte was not quantifiable at or above the Contract Required Quantitation Limit (CRQL), or QA/QC requirements were not met
R - Unusable value
Surface water sample numbers containing a 'D' (RBS-SW01D) indicates that the samples were analyzed for Dissolved Metals.

Table 4
Inorganic TCLP Results- Soil Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample No.	RBS-S01A		RBS-S02A		RBS-S03A		RBS-S04A		RBS-S05A		RBS-S06A		RBS-S07A		RBS-S09A		RBS-S10A		RBS-S59A		RBS-S60A		RBS-S97		RBS-S98	
EPA Sample No.	MB52W5		MB52W8		MB52X1		MB52X4		MB52X7		MB52Y0		MB52Y1		MB52Y7		MB52Z0		MB5341		MB5344		MB53N4		MB53N5	
Sample Depth	0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.		0-2 in.	
Comment											Duplicate of RBS-S05A															
ARSENIC	21.6		13.3		24.5		10.0	U	10.0	U	10.0	U	227		7.8	J	4.8	J	7.6	J	416		564		167	
BARIUM	200	U	209		200	U	200	U	226		200	U	200	U	221		397		200	U	200	U	200	U	200	U
CADMIUM	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	62.4		5.0	U	5.0	U	5.0	U	11.8		416		202	
CHROMIUM	0.78	J	3.4	J	10.0	U	10.0	U	10.0	U	0.92	J	10.0	U	10.0	U	10.0	U	2.8	J	1.6	J	10.0	U	10.0	U
LEAD	31,500		11,100		28,700		62.6		2,330	J	932	J	930,000		451		5,850		10,300		723,000		561,000		1,230,000	
MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
SELENIUM	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U	8.6	J	35.0	U	35.0	U	3.6	J	6.4	J	5.7	J	10.4	J
SILVER	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	1.0		10.0	U	10.0	U	10.0	U	10.0	U

All results in micrograms per liter (µg/L)
U - Analyte not detected
J - Estimated concentration

Table 5
Grain Size Distribution Results- Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample ID.	RBS-SED01	RBS-SED03	RBS-SED04	RBS-SED05	RBS-SED06	RBS-SED07	RBS-SED08	RBS-SED09	RBS-SED10	RBS-SED11
Comment										
Soil Classification	Percent of Total Sample									
Gravel	1.0	25.8	12.8	5.5	49.7	19.9	5.6	19.0	9.5	6.0
Sand	96.8	71.3	83.2	82.5	48.6	78.5	93.2	79.3	87.7	90.1
Coarse Sand	1.8	7.8	1.8	4.8	8.9	22.6	1.4	3.4	8.3	6.2
Medium Sand	17.8	9.3	3.2	5.7	9.8	30.8	6.2	16.1	15.8	12.2
Fine Sand	77.2	54.3	78.1	72.0	29.9	25.1	85.5	59.7	63.5	71.7
Silt	1.3	1.8	2.9	9.5	0.8	1.7	0.6	1.0	1.5	2.1
Clay	1.0	1.0	1.1	2.6	0.9	0.0	0.6	0.7	1.3	1.9
Field Sample ID.	**RBS-SED12**	**RBS-SED13**	**RBS-SED14**	**RBS-SED15**	**RBS-SED16**	**RBS-SED17**	**RBS-SED18**	**RBS-SED19**	**RBS-SED20**	**RBS-SED21**
Comment										
Soil Classification	Percent of Total Sample									
Gravel	28.7	21.2	38.1	40.2	27.8	20.7	0.4	6.4	19.3	4.1
Sand	66.1	77.1	60.2	57.8	67.1	72.0	92.8	87.5	72.0	91.2
Coarse Sand	20.0	4.2	4.7	11.6	11.8	8.8	0.4	8.2	4.1	0.9
Medium Sand	13.3	14.4	8.0	5.6	10.2	4.2	2.6	7.1	5.9	4.8
Fine Sand	32.8	58.5	47.4	40.6	45.1	58.9	89.9	72.2	62.0	85.4
Silt	5.0	1.2	0.8	1.2	3.8	6.3	4.6	4.9	3.3	3.5
Clay	0.3	0.5	0.9	0.9	1.3	1.0	2.2	1.3	5.5	1.2
Field Sample ID.	**RBS-SED 23**	**RBS-SED24**	**RBS-SED25**	**RBS-SED26**	**RBS-SED27**	**RBS-SED28**	**RBS-SED29**	**RBS-SED30**	**RBS-SED31**	**RBS-SED32**
Comment										
Soil Classification	Percent of Total Sample									
Gravel	1.1	2.4	0.0	0.2	2.4	0.0	12.9	23.4	0.0	0.7
Sand	94.0	95.4	94.0	97.9	96.9	98.5	81.0	74.1	94.3	92.7
Coarse Sand	0.5	2.0	0.0	1.3	3.8	0.3	3.3	12.0	0.1	0.2
Medium Sand	2.1	4.0	1.3	8.9	15.4	1.9	3.6	39.2	1.5	1.5
Fine Sand	91.4	89.3	92.6	87.7	77.7	96.3	74.1	22.9	92.8	91.0
Silt	3.3	0.8	4.7	0.9	1.0	1.2	4.7	2.7	5.4	4.7
Clay	1.6	1.4	1.4	0.9	0.0	0.3	1.4	0.0	0.3	1.8
Field Sample ID.	**RBS-SED33**	**RBS-SED34**	**RBS-SED35**	**RBS-SED36**	**RBS-SED37**	**RBS-SED38**	**RBS-SED39**	**RBS-SED40**	**RBS-SED41**	**RBS-SED43**
Comment										
Soil Classification	Percent of Total Sample									
Gravel	26.3	1.5	1.1	4.0	21.0	0.8	39.2	12.2	17.3	0.7
Sand	71.7	96.4	91.6	94.9	78.4	97.8	60.3	85.6	82.3	96.7
Coarse Sand	16.2	0.1	0.2	8.3	14.5	4.9	7.5	2.8	9.5	2.0
Medium Sand	27.7	2.0	1.8	42.5	35.2	50.4	19.9	18.4	25.9	47.1
Fine Sand	27.8	94.3	89.5	44.1	28.7	42.5	33.0	64.4	47.0	47.5
Silt	1.8	1.3	6.0	0.9	0.3	0.6	0.2	1.5	0.1	2.4
Clay	0.2	0.8	1.4	0.3	0.3	0.8	0.2	0.7	0.3	0.3

Table 5
Grain Size Distribution Results- Sediment Samples
September 10-16, 2008
Raritan Bay Slag

Field Sample ID.	RBS-SED44	RBS-SED45	RBS-SED46	RBS-SED47	RBS-SED48	RBS-SED49	RBS-SED50	RBS-SED51	RBS-SED52	RBS-SED53
Comment										
Soil Classification	Percent of Total Sample									
Gravel	16.6	15.0	23.0	15.9	5.9	21.0	2.1	20.0	2.1	8.2
Sand	81.1	84.0	73.6	82.7	93.0	77.4	96.7	79.7	95.2	37.7
Coarse Sand	6.9	12.9	4.6	15.5	5.9	13.1	1.4	8.1	2.0	2.3
Medium Sand	19.2	46.2	13.6	54.5	25.4	26.3	8.4	31.8	10.9	2.7
Fine Sand	55.0	24.8	55.4	12.7	61.7	38.0	86.8	39.8	82.3	32.7
Silt	1.5	0.4	3.7	0.8	0.3	1.0	1.0	0.2	2.0	49.4
Clay	0.8	0.6	-0.3	0.7	0.8	0.6	0.3	0.1	0.7	4.7
Field Sample ID.	**RBS-SED54**	**RBS-SED55**	**RBS-SED56**	**RBS-SED57**	**RBS-SED58**	**RBS-SED59**	**RBS-SED60**	**RBS-SED61**	**RBS-SED63**	**RBS-SED64**
Comment										
Soil Classification	Percent of Total Sample									
Gravel	7.0	5.7	0.0	0.0	0.0	0.0	6.6	22.1	1.7	30.2
Sand	34.7	86.4	56.3	64.6	90.2	57.7	80.1	69.8	46.5	65.7
Coarse Sand	4.2	2.7	37.2	1.4	1.9	3.0	0.3	7.5	0.1	6.1
Medium Sand	5.6	6.7	1.8	2.8	1.8	1.1	0.6	0.9	11.0	9.6
Fine Sand	24.9	77.0	17.4	60.5	8605.0	53.7	79.1	61.4	35.5	50.1
Silt	54.1	4.4	32.1	32.3	6.9	38.1	10.3	6.0	49.9	2.1
Clay	4.1	3.6	11.6	3.1	2.9	4.2	3.0	2.2	1.8	2.1
Field Sample ID.	**RBS-SED65**	**RBS-SED66**	**RBS-SED67**	**RBS-SED68**	**RBS-SED69**	**RBS-SED70**	**RBS-SED71**	**RBS-SED72**	**RBS-SED73**	**RBS-SED74**
Comment										
Soil Classification	Percent of Total Sample									
Gravel	31.6	0.0	53.2	0.0	2.7	5.2	0.2	4.4	1.3	8.5
Sand	65.2	55.7	16.3	86.9	94.9	93.1	96.7	94.5	80.2	90.2
Coarse Sand	5.0	0.2	11.4	2.1	1.9	6.9	0.5	11.8	2.1	21.2
Medium Sand	13.1	15.1	1.9	4.3	1.7	11.1	0.6	43.4	1.7	43.2
Fine Sand	47.1	40.4	3.1	80.5	91.3	75.0	95.6	39.3	76.4	25.8
Silt	3.2	44.3	13.1	8.1	1.7	0.6	1.3	0.5	15.3	1.2
Clay	0.0	0.0	17.4	5.1	0.7	1.1	1.8	0.6	3.2	0.1
Field Sample ID.	**RBS-SED81**	**RBS-SED82**	**RBS-SED83**	**RBS-SED84**	**RBS-SED85**	**RBS-SED86**	**RBS-SED87**	**RBS-SED88**	**RBS-SED89**	**RBS-SED90**
Comment										
Soil Classification	Percent of Total Sample									
Gravel	0.0	1.7	0.0	3.9	4.1	19.4	0.4	0.0	32.6	51.8
Sand	98.6	92.9	97.3	94.9	93.1	79.5	98.9	95.7	63.7	45.8
Coarse Sand	0.4	0.1	0.2	3.6	1.5	1.9	0.2	0.0	26.7	20.8
Medium Sand	4.0	1.0	1.3	24.6	10.5	9.0	8.0	3.7	27.6	16.1
Fine Sand	94.3	91.8	95.9	66.7	81.1	68.6	90.6	92.0	9.4	8.9
Silt	1.1	4.5	1.9	0.6	2.1	0.4	0.4	2.9	2.4	1.1
Clay	0.3	0.9	0.9	0.7	0.7	0.7	0.4	1.4	1.3	1.3

Note- RBS-SED84, RBS-SED85, and RBS-SED86 are incorrectly marked on the chain of custody as RBS-SED81, RBS-SED82, and RBS-SED83.